



MEDICAL COMPUTER HARDWARE



Computer Systems
Digital Imaging
Electrical safety

Content

Page

- 02 Table of content**
- 03 Editorial**
- 04 Icon Description**

06 Computer Systems

- 10** Model view Desktop PCs
- 16** Model view Panel PCs
- 24** Accessories Panel PCs
- 26** Tablet 8"
- 28** iPad Cover

30 Carts

- 32** Model view Cart solutions

38 Keyboards and Mice

- 40** e-medic™ Glass Keyboard
- 41** Baaske MediTouch Keyboards
- 44** Man & Machine Keyboards
- 46** Seal Shield Keyboards
- 47** Baaske MediTouch Mice
- 48** Man & Machine Mice
- 49** Seal Shield Mice
- 50** UniFlex Keyboard covers

52 Digital Imagine

- 54** Modell view
- 56 e-medic™ Medical Displays**
- 58** Modell view and technical data
- 60 AG Neovo Medical-Displays**
- 62** Modell view and technical data
- 64 Barco Medical Displays**
- 66** Barco Diagnostc-Displays
- 68** Modell view and technical data
- 72** Barco Clinical Displays
- 74** Modell view and technical data
- 76** Barco Surgery-Displays
- 78** Modell view and technical data
- 80** Barco Smart-Displays
- 81** Modell view and technical data
- 82** Wound documentation
- 84** Software for wound documentation

86 Elektrical Safety

- 90** Isolators
- 104** Multiple sockets
- 110** Potential equalisation
- 112** Isolation transformers
- 116** Cable/Power supplies

118 Deliveries and shipping conditions

Medical technology systems has to be safe, economical and with a high quality standard

The establishment of IT infrastructures as the basis for medical care has become normal practice. The declared medium-term goal of networking clinics, physicians in private practice and even patients indicates a



growing demand for innovative IT. From the point of view of patient safety, the increase in medical informatics also means an increasing demand on the retailer or manufacturer. Since 2007, Baaske Medical has specialized in IT products and solutions for the patient environment and healthcare. In 2010, Baaske Medical was one of the first companies worldwide who develop a fanless and disinfectable computer that met the requirements of the DIN EN60601-1 3rd Ed. standard for electrical safety in medical technology.

At the same time, this also marked the growing of the e-medic™ brand, which distinguished medical computers from industrial or office computers. The "e" stands for electronics "medic" for medicine. Today, the e-medic™ brand comprises around 266 products for various fields of application.

The improvement of electrical safety for the patient is the primary goal from the beginning. For this reason, Baaske Medical products are tested according to current medical standards. These include computers, displays, keyboards, mice, network isolators, isolators for PC interfaces and socket strips, isolating transformers and power supplies.

For further questions please do not hesitate to contact us.

A. Baaske

Andreas Baaske
CEO Baaske Medical

Icon descriptions



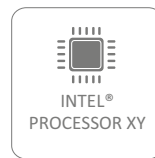
Tested according to the medical Norm 60601-1.



Indication of battery lifetime.



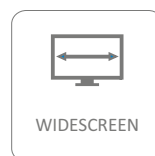
Systems that are not cooled by a fan.



Type of Intel processor used.



Resistant to cleaning - with commercially available cleaning agents.



The Display is a widescreen monitor.



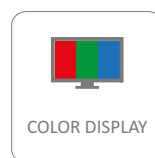
Protected against splashing water.



The system or program sequence is directly controlled by touching parts of the display..



Antimicrobial plastic - IS Z2801 compliant test for antimicrobial activity and efficacy.



The viewing of the display is coloured.



Resistance of systems to mechanical stress, in particular impact stress.



The LED technology is a display device on the basis of light emitting diodes.



Inch specification of the screen size.



Indication of sensor and image resolution.



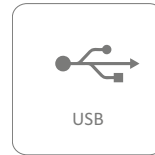
The display is HDTV capable, with an HD resolution of 1920 × 1080 pixels (16:9).



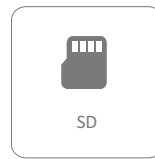
Horizontal resolution is 4000 pixels.



IQ sensor - for automatic DICOM calibration



System has a USB interface.



System has a slot for a Secure Digital memory card.



System has a slot for a subscriber identity module (SIM).



System has an HDMI interface.

COMPUTER SYSTEMS

Quality for the highest demands.
Powerful computer systems, tested
according to medical standards, with
the latest technology.



e-medical™



Overview Computer Systems

DESKTOP-COMPUTER

Patient environment/doctors' offices

Versatile desktop computer tested according to EN60601-1. Ideal for use in medical practices, MVZs and clinics. Our emedic™ PC systems offer you medical Computer for fixed workplaces within the patient environment or light and small mini PCs for the cart integration.



- [Desktop PC](#)
- [Mini PC](#)
- [Micro PC](#)

PANEL PCS

Patient environment/OR

Stand alone systems that meet the special requirements in practices, MVZs and clinics. The hygiene-optimised All-in-One Panel PCs are ideally suited for operating theatres. A fanless system combines computer, display, keyboard, loudspeaker and a UPS function.

- [21.5" All-In-One Panel PC](#)
- [22" All-In-One Panel PC](#)
- [24" All-In-One Panel PC](#)





TABLET/TABLET ACCESSORIES

Patient environment/rounds

Tablet solutions for mobile rounds. Safety, hygiene and user-friendliness pose a great challenge for medical practices, MVZs and clinics. Our solutions meet these special requirements and offer you more hygiene, comfort and flexibility at work.

[Tablet](#)
[iPad protection cover](#)

INPUT DEVICES

Patient environment/OR

Medical keyboards and mice for professional areas with high hygienic requirements. Completely covered with silicone, with an excellent ease of use. Completely closed and treatable with all material compatible surface disinfectants. Ideal for medical practices, hospital wards, operating theatres or areas where the transmission of germs must be prevented.

[Keyboards](#)
[Mice](#)
[Keyboard covers](#)



e-medic™ Desktop Computer – Model view



Technical Data	Silence XT-M	Silence ST
Processor	Intel® Core i3 i5 up to 3 MB Cache	Intel® Core™ i3 / i5 / i7 up to 8 MB Cache
RAM	32 GB max., DDR4	32 GB max., DDR4-2133 MHz
Hard disks	120 GB SSD 256 GB SSD 500 GB SSD	120 GB SSD / 256 GB SSD / 512 GB SSD / 500 GB HDD / 1 TB HDD / 2 TB HDD
Graphic	IGP (via CPU/APU)	Intel® HD Graphics 530 (Direct X12), Triple View, Resolution: 4096 x 2304 (4K), Video and 3D acceleration
Compatibles OS	Windows® 10 Pro (not included in scope of delivery)	Windows® 7 Pro / Windows® 8.1 Pro / Windows® 10 Pro (not included in scope of delivery)
External interfaces	4x USB 3.0; 1x RJ45 LAN; 2x USB 2.0; 2x HDMI, 1x RS232	1x DVI-D, 2x DisplayPort, 4x USB 3.0, 4x USB 2.0, 2x PS/2, 2x RS-232, Audio In/Out, VGA possible via adapter, 2x RJ45 LAN
Power supply	medical, external, 50 W	medical, external, 63 W
Cooling system	Direct Channel Heatpipe	4 Kanal Heatpipe
Case	fanless, closed, aluminium/steel, silver/black, with additional equipotential bonding pin	fanless, closed, aluminium/steel, silver, with additional equipotential bonding pin
Dimensions (LWH)	200 x 53.6 x 176 mm	260 x 85 x 240 mm
Weight	1.75 kg	4 kg
Temperature	+5°C up to +40°C (in operation) -10°C up to +60°C (storage)	+5°C up to +40°C (in operation) -10°C up to +60°C (storage)
Air pressure	700 hPa - 1075 hPa (in operation/ storage)	700 hPa - 1075 hPa (in operation/ storage)
Standards	CE, RoHS, EN60601-1-2 :2015	CE, RoHS, EN60601-1-2 :2015, (DIN EN 60601-1 Ed. 3.1 power supply)
Optional	without WLAN; Windows® 10 Pro 3 years warranty 5 years warranty	1x FireWire, 1x PCIe Frame Grabber, 1x RS-232 PCIe DVD-RW Slot-In, WLAN, Bluetooth, Windows® 10 Pro, 3 years warranty 5 years warranty
Item No.	2011888	2011375



**CLOSED
ALUMINIUM
FRONT**

Technical Data	PRO-Line
Processor	Intel® Core™ i3 i5 i7 up to 12 MB Cache
RAM	32 GB max., DDR4
Hard disks	120 GB SSD 256 GB SSD 512 GB SSD
Graphic	Intel® UHD Graphics 630 (Direct X12) internal GPU, resolution max. 4096 x 2304 (4K), Triple View, Video and 3D acceleration
Compatibles OS	Windows® 10 (not included in scope of delivery), Linux
External interfaces	2x USB 2.0, 2x USB 3.1, 2x USB C, 2x RS232, 1x DVI-D, 1x DisplayPort, 1x HDMI, 2x LAN 1x Line In, 1x Line Out, 1x Mic In, 1x SPDIF Out, 1x Surround Out
Power supply	internal, 400 W
Cooling system	4 Double-sided heatpipe up to 160 W cooling capacity
Case	Front: closed, aluminium, silver, Case: steel, with additional equipotential bonding pin, color: black or white
Dimensions (LWH)	470,5 x 185 x 428,5 mm
Weight	9.5 kg (full equipment)
Temperature	+5°C up to +40°C (in operation) -10°C up to +60°C (storage)
Air pressure	700 hPa - 1075 hPa (in operation/ storage)
Standards	CE, RoHS, EN60601-1-2 :2015, EN 60601-1 Ed. 3.1 (power supply)
Optional	Video Card PCIe x1 FireWire Video Grabber 4x RS232 DVD-RW Slot-In Windows® 10 Pro 3 years warranty 5 years warranty
Item No.	2011937

e-medTM Silence XT-M



FANLESS
COOLING CASE

Small, powerful and fanless.

e-medic™ presents with this fanless Micro-PC a high-quality housing for demanding users. The special CPU cooling design offers the usual reliable and quiet operation even under full load. Powerful Intel® processors of the 7th generation find enough space in the case with just 5.4 cm height, and convince with very low power consumption even at high computational power. Modern interfaces such as 4x USB 3.0, 2x HDMI, and LAN in combination with the RS232 serial interface also simplify the integration into existing systems. This micro case has VESA mounting points and can be easily attached to a table, wall support arm or monitor..

Ideal for:

Surgery/intensive care	* * *
Endoscopy	* * *
Diagnostics	* * *
Viewing	* * *
Patient's environment	* * *

Benefits:

- › Quiet and **fanless**
- › Small, compact and **powerful**
- › **Kensington lock**
- › Low maintenance requirements
- › **VESA** mount for mounting on table, wall, support arm and monitor



Inkl. W-LAN Antenna

e-medice™ Silence ST-M

Fanless Mini Computer for the use in hygienic sensitive areas

The fanless emedic™ Silence ST-M computers are high performance medical PC systems, which are ideally suited for the long-term use in hospitals and doctor's surgeries. The use of the Intel® Skylake platform guarantees a fast and extrem efficient system with max. approx. 30 W. Powerful processors in combination with an especially developed 4 channel Heatpipe provide high performance with lowest noise level. Functions like Bios MAC Adress Display, iAMT (Intel® Active-Management-technology), TPM and Wake on LAN enable a high safety standard with remote maintenance and remote analysis possibilities. The PC can be ordered with Windows® 10 as well as with a guarantee of up to 5 years.



 6th GENERATION INTEL CORE	 EN 60601-1	 FANLESS
 IP65 PROTECTION CLASS	 UP TO 5 YEARS WARRANTY	

Ideal for:

- | | |
|------------------------|-----|
| Surgery/intensive care | *** |
| Endoscopy | *** |
| Diagnostics | *** |
| Viewing | *** |
| Patient's environment | *** |

Benefits:

- › Easy to clean – maintenance-free, closed casing
- › **Triple View** – 3 monitors connectable
- › Versatile – installation possible on wall/
Vesa-mounting or support arms
- › Small, compact and lightweight (4 kg)



**Cooling system e-medice™ Silence ST-M
CPU Heatpipe**

e-medic™ Pro-Line 8th Gen.

Powerful medical desktop PC with closed aluminium front.

The **e-medic™ Pro-Line 8th Gen** is a user-friendly, quiet and powerful desktop computer for use in the patient environment, in the laboratory or in industry. The hygiene-optimized computer makes cleaning easier and offers additional safety aspects. The steel housing has a completely closed, removable aluminium cover. It protects the interior from dust, dirt and liquids and is also available with a DVD-RW drive in the Customised version. A big plus for professional use: all interfaces are located on the back of the case. Unwanted access via the USB interface can thus be better controlled. Despite its compact and largely closed design, the **e-medic™ Pro-Line 8th Gen** is a powerful computer that enables the installation of a professional graphics card and is equipped with numerous interfaces. Ideal for use in hospitals, medical practices and industrial areas.

Ideal for:

Surgery/intensive care	***
Endoscopy	***
Diagnostics	***
Viewing	***
Patient's environment	***

Benefits:

- › **Compact** tower tested according to EN 60601-1-2
- › Numerous interfaces
- › **Closed**, removable aluminium front panel
- › Offers more **data security** - interfaces only on the rear of the housing
- › Space for a **professional graphic card**
- › Easy to clean

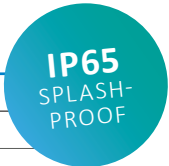


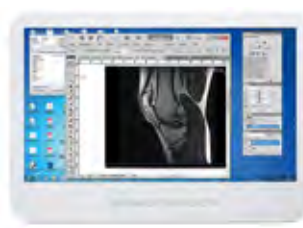
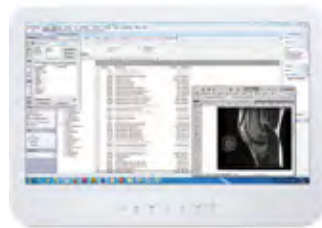
**ECOLOGICAL
FILTER
WASHABLE**

e-medictm Panel Computer – Model view



Technical Data	e-medictm AIO 722	e-medictm AIO 724	e-medictm AIO 724-IP65
Processor	Intel® Core™ i5 7200U 3 MB Cache, up to 3.1GHz Intel® Core™ i7 7600U 4 MB Cache, up to 3.9GHz	Intel® Core™ i5 7200U 3 MB Cache, up to 3.1GHz Intel® Core™ i7 7600U 4 MB Cache, up to 3.9GHz	Intel® Core™ i5 7200U 3 MB Cache, up to 3.1GHz Intel® Core™ i7 7600U 4 MB Cache, up to 3.9GHz
RAM	8 GB (32 GB max.)	8 GB (32 GB max.)	8 GB (32 GB max.)
Hard drives	500 GB SSD, Intel SATA RAID 0/1 supported	500 GB SSD, Intel SATA RAID 0/1 supported	500 GB SSD, Intel SATA RAID 0/1 supported
Compatibles OS	Windows® 7, Windows® 10 (not included)	Windows® 7, Windows® 10 (not included)	Windows® 7, Windows® 10 (not included)
Thin Client compatibility	Citrix, Microsoft, VMware	Citrix, Microsoft, VMware	Citrix, Microsoft, VMware
Interfaces	2x USB2.0, 4x USB 3.0, 1x serial, 1x HDMI, 1x DP, 2x LAN (isolation optional), PCI-e	2x USB2.0, 4x USB 3.0, 1x serial, 1x HDMI, 1x DP, 2x LAN (isolation optional), PCI-e	2x USB2.0, 4x USB 3.0, 1x Serial, 1x HDMI, 1x DP, 2x LAN (Isolation optional), PCI-e
Security	RFID (internal, optional), TPM Support	RFID (internal, optional), TPM Support	RFID (internal, optional), TPM Support
WLAN	802.11 ac (internal)	802.11 ac (internal)	802.11 ac (internal)
Power supply voltage	12 V DC	12 V DC	12 V DC
Power consumption	25 W	29 W	29 W
Weight	5.7 kg	6.7 kg	7.8 kg
Dimensions (WHD)	527 x 330 x 40 mm	557 x 355 x 40 mm	557 x 355 x 40 mm
IP protection class	IP65 front, IP63 rear	IP65 front, IP63 rear	IP65 Full surface
Case	Front: Full flat design rear: antibacterial, closed, fanless, white	Front: Full flat design rear: antibacterial, closed, fanless, white	Front: Full flat design rear: antibacterial, closed, fanless, white
Standards	CE, FCC-B, RoHS, IEC 60601-1, IEC 60601-1-2, class 2 double insulation , Energy Star	CE, FCC-B, RoHS, IEC 60601-1, IEC 60601-1-2, class 2 double insulation , Energy Star	CE, FCC-B, RoHS, IEC 60601-1, IEC 60601-1-2, class 2 double insulation , Energy Star
Optional	Touch (capacitive, 10 fingers multi touch) 2x LAN Isolation, Webcam 2 MP, RFID (internal)	Touch (capacitive, 10 fingers multi touch) 2x LAN Isolation, Webcam 2 MP, RFID (internal)	Touch (capacitive, 10 fingers multi touch) Webcam 2 MP, internal RFID
LCD Panel			
Type	22" TFT LED	24" TFT LED	24" TFT LED
Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Contrast	1000:1 typical	1000:1 typical	1000:1 typical
Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²
Viewing angle	178°	178°	178°
Item No.	2012136	2012137	2012138





Technical Data	Silence TP 2 Skylake	Silence TP 6	Silence TP 7
Processor	Intel® Core™ i5/i7 up to 4 MB Cache	Intel® Core™ i5/ i7 up to 8 MB Cache	Intel® Core™ i5/ i7 up to 4 MB Cache
RAM	32 GB max.; DDR4 SODIMM	32 GB max. 2 SODIM DDR4	16 GB max.; DDR4 SODIMM
Hard drives	500 GB HDD / 128 GB SSD / 256 GB SSD	256 GB SSD / 128 GB SSD	128 GB SSD / 256 GB SSD
Compatibles OS	Windows® 7 / Windows® 8.1 / Windows® 10 (not included)	Windows® 7 / Windows® 8.1 / Windows® 10 (not included)	Windows® 10, IoT Enterprise (not included)
Graphic	Intel® HD Graphics 520 integrated by CPU	Intel® HD Graphics 530 Direct X 12 onboard, with video and 3D acceleration, Triple View	Intel® HD Graphics 620 integrated by CPU
Interfaces external	4x USB 3.0; 2x Display Port; 1x Line In; 1x Line Out; 1x RS-232; 1x RS-232/422/485; RS485	2x Display Port, DC in, 2x Analog Audio (Line-out, and Mic-in), 2x USB 3.1, 2x USB 3.0; 2x RS-232, 1x LAN	4x USB 3.0; 2x Display Port; 1x Mic-In; 1x Line Out; 1x RS-232; 1x RS-232 / 422 / 485; 2x Marvell 88E8071 Gigabit LAN
Expansion slot	1x PCI-e x 1; 2x Mini PCI-e	1x PCI-e x16; 1x Mini PCI-e, M2. Type E x 1	1x PCI-e x4; 1x Mini PCI-e; 1x M.2 Type E Key; 1x M.2 Type SATA III SSD 2260 interface – up to 512G
Power supply	Medical; external; 100 W, 90 ~ 264 V AC In, 12 V DC Out	Medical; external; 180 W, 90~264 V AC In, 12 V DC Out	Medical; external; 100 W, 100~240 V AC In, 18 V DC Out
Case	Front: Full flat Design; rear: antibacterial + I/O Cover + additional equipotential bonding pin; closed; fanless; white; incl. speaker	Front: Full flat Design; rear: antibacterial + I/O Cover + additional equipotential bonding pin; closed; fanless; white; incl. speaker	Front: Full flat Design; rear: antibacterial + I/O Cover + additional equipotential bonding pin; closed; fanless; white; incl. speaker
Optional	Bluetooth / WLAN b, g, n; RFID; Lithium-ion battery- 53W/40 min; 3.2 MP WebCam; antibacterial Desktop stand; TPM; FireWire	802.11 ac/b/g/n WLAN + Bluetooth 4.0; battery Pack (20-25 Min. in operation); antibacterial Desktop stand; Smart card reader or DVD or 2. HDD; WebCam; PCI-express x16; M-SATA Modul; FHD Capture; RFID Reader; 4 KV isolation Modul (COM, LAN, USB)	WLAN + Bluetooth 4.1 ; 3x battery 81 W (exchangeable during operation 100W max. Output); charging station; RFID; display protection foil, 5 MP WebCam; antibacterial Desktop stand; TPM; Smart Card Reader
Weight	ca. 7.0 kg (without power supply)	ca. 8.5 kg (without power supply)	7.0 kg (without power supply)
Mount	VESA 75/100	VESA 100 /100	VESA 100/100
IP protection class	IP65 front / IP53 rear	IP65 – front	IP65 – front
LCD Panel			
Type	21,5" Multi-Touch 10 finger, glove operable- projective capacitive	23.8" Multi-Touch 10 finger, Glove operable or conductive pen- projective capacitive	21,5" Multi-Touch 10 finger, glove operable- projective capacitive
Resolution	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)	1920 x 1080 (Full HD)
Contrast	1000:1 typical	3000:1 typical	3000:1 typical
Brightness	250 cd/m ² typical	250 cd/m ² typical	250 cd/m ²
Viewing angle	Wide View 170°/160° typical	178° / 178°	178° / 178°
Item No.	2011900	2011435	2011846

e-medice™ AIO 724-IP65



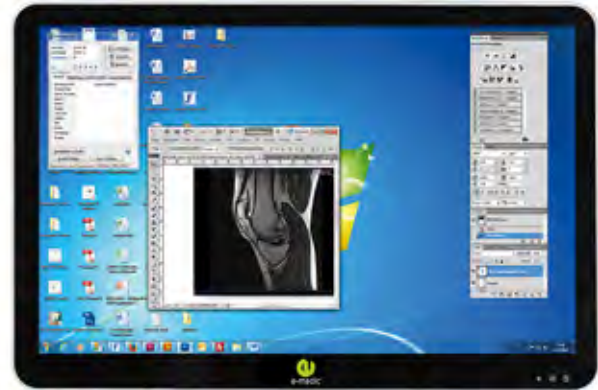
e-medice™

IP65
SPLASH-
PROOF



High-performance All-in-One PC with full IP65 protection

In operating theatres, intensive care units, clean rooms and laboratories, computer systems must meet particularly high requirements with regard to their technical and hygienic properties. Our **e-medic™ All-in-One computers** meet the high requirements for medical electrical devices according to the European standards 60601-1 and 60601-1-2. The fanless computers are quiet, slim and modern panel computers, which especially convince with a full IP65 housing. An excellent choice for operating theatres and the use on a monitor arm. The 24 inch glass panel is optionally available with touch and combines computer, monitor, keyboard and mouse in one device.



Ideal for:

Surgery/intensive care	***
Endoscopy	***
Diagnostics	***
Viewing	***
Patient's environment	***

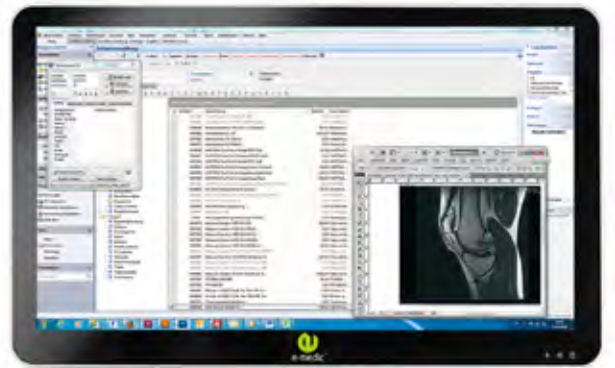
Benefits:

- › **IP65** - completely splash water protected
- › **Space-saving** due to full-flat design
- › Also available with **touch function**
- › **Dual LAN** connectors
- › **Integrated WLAN**
- › **Antibacterial** housing
- › Conforms to **EN 60601-1 / EN 60601-1-2**
- › only **7.8 kg** weight

e-medTM AIO 722 and AIO 724

Powerful All-in-One PCs for the medical environment

The **e-medTM AIO 722** and **e-medTM AIO 724** are fanless panel PCs with antibacterial case and IP65 front. They are specially designed for the high requirements of hospitals and medical practices. This fanless panel PCs meet the high standard for medical electrical devices according to the European standards DIN EN 60601-1 and DIN EN 60601-1-2. The high-quality glass panel can optionally be equipped with a touch function and combines computer, monitor, keyboard and mouse in one device. The **e-medTM AIO 722** and **AIO 724** are available as 22 inch and 24 inch monitors.



Ideal for:

- Surgery/intensive care * * *
- Endoscopy * * *
- Diagnostics * * *
- Viewing * * *
- Patient's environment * * *

Benefits:

- › **IP65** - Splash water protected front
- › Space-saving due to **full-flat design**
- › Also available with **touch function**
- › **Dual LAN connectors**
- › **Integrated WLAN**
- › **Antibacterial** housing
- › Conforms to **EN 60601-1 / EN 60601-1-2**
- › Available in **22 inch** and **24" inch**

 EN 60601-1 EN 60601-1-2	 IP65 PROTECTION CLASS	 FANLESS
 TOUCH	7th GENERATION INTEL CORE	22 INCH
24 INCH		

e-medTM Silence TP 2 Skylake

Fanless All-in-One Panel PC for operation rooms and hygienic sensitive areas.

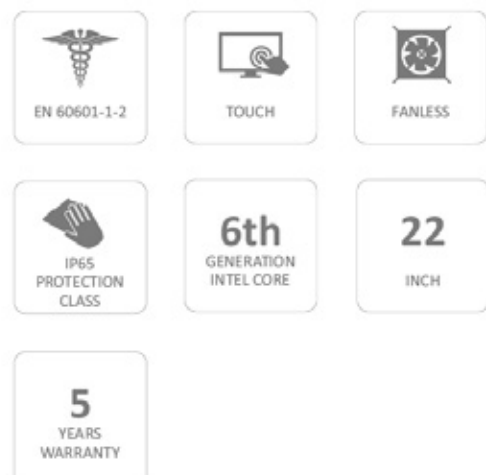
The **e-medTM Silence TP 2 Skylake** is an "All-in-One" Panel PC solution for the medical sector. The medical all-rounder computer combines PC, display, speaker, and optional UPS in one device. Maintenance-free, powerful and fanless, these Medical Touch Panel Computers are ideal for long-term use in the patient environment and in hygiene-sensitive areas. The completely enclosed 21.5" housing combines an energy-efficient LED backlight display with the processor of the Intel[®] Skylake[™] 6th generation. By means of the direct channel heatpipe the produced heat is led out of the casing interior, without using parts like ventilation fans. Features such as webcam, Bluetooth, integrated WLAN antenna, as well as internal RFID reader, USV function and isolated interfaces make an individualization of the system possible and are optionally available.

Ideal for:

Surgery/intensive care	***
Endoscopy	***
Diagnostics	***
Viewing	***
Patient's environment	***

Benefits:

- › **Intel[®] Core[™] 5th Generation up to i7**
- › **Energy efficient** – AMVA+ Panel with LED Backlight
- › **Easy to clean** – wipeable closed casing
- › **Versatile use** – 7 kg light weighted
- › **Saves additional UPS** – battery installable
- › **Cost reducing** – maintenance-free, replaceable screen coating



e-medice™ Silence TP 6

Fanless All-in-One Panel PC according to EN60601-1-2

The **e-medice™ Silence TP 6** PC was developed for healthcare specialists. The All-in-One Panel PC solution combines excellent hygienic features, IP65 front/IP53 back, with a fanless, completely enclosed 24" housing. Ideal for use in operating theatres. The space-saving PC system combines computer, display, keyboard, speakers and optional UPS in one housing. Features such as an additional webcam, Bluetooth, a WLAN antenna, as well as PCI-e riser card, internal RFID reader and UPS function enable the individualisation of the system and are optionally available.

Ideal for:

- Surgery/intensive care ***
- Endoscopy ***
- Diagnostics ***
- Viewing ***
- Patient's environment ***

Benefits:

- › **Intel® Core™ 6th Generation** up to i7 Quad-Core
- › Viewing-angle stable and colour-fast - **AMVA panel with LED backlight**
- › **Easy to clean** - wipeable closed housing
- › Versatile use - **8.5 kg** light weight
- › **Saves additional UPS - battery** can be installed
- › **Cost-reducing** - maintenance-free, exchangeable screen coating
- › **DVI digital output** - for a 2nd device



 EN 60601-1-2	 IP65 PROTECTION CLASS	 FANLESS
 TOUCH	6th GENERATION INTEL CORE	24 INCH
5 YEARS WARRANTY		

e-medic™ Silence TP 7

Fanless All-in-One Panel PC for the patient environment

The **e-medic™ Silence TP 7** is a fanless all-in-one panel PC for the medical sector. The system combines PC, display, speaker and batteries in one device. The special feature of this system: The three hot-swappable batteries. Ideal for cart installations. With the **e-medic™ Silence TP 7**, space-saving and cost-effective systems for rounds or OR integration can be created. Features such as the integrated WLAN antenna, internal RFID reader and TPM module allow individualization of the system and are optionally available. The additional TP 7 charging station offers a quick charging of the batteries within 2 hours.

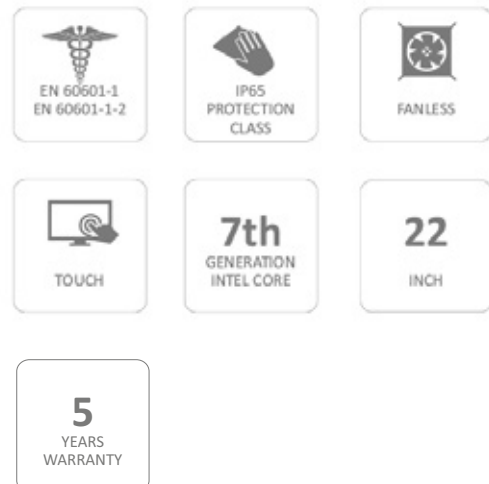


Ideal for:

Surgery/intensive care	***
Endoscopy	***
Diagnostics	***
Viewing	***
Patient's environment	***

Benefits:

- › **Batteries changeable** during operation (saves additional UPS)
- › Slide-in for 2nd hard disk
- › Capacitive **touch screen** - operable with fingers and gloves
- › **IP65/IP43** protection - Easy to clean
- › Versatile - **7 kg** light weight
- › **Fanless**



Accessories Panel PCs



Stand for e-medic™ AIO

Panel PC stand for e-medic™ AIO ▶ hygiene optimised ▶ with storage space for one power supply unit ▶ Colour: white ▶ supports devices up to 8 kg

Item No. 2011879

Wall bracket for e-medic™ AIO

Panel PC wall bracket for e-medic™ AIO ▶ hygiene optimised with storage space for one power supply unit ▶ Colour white ▶ supports devices up to 8 kg

Item No. 2012009





e-medice™ Silence TP7 Battery 81 W (3x)

3x TP 7 Battery DR202 ▶ Lithium-Ion 3S-3P ▶ 81 W ▶
 Max. charging voltage: 12.6 V ▶ Min. capacity = 7500
 mAh ▶ Continuous discharge current in the system = 10
 A ▶ self-discharge rate = < 1mA ▶ Loading time in Panel
 PC: 25h for 100% (single charge - 8.3h per Battery) ▶
 Charging time quick charging station: 1h for 70%, 2h
 for 100% (parallel charge) ▶ Battery life time: after 250
 Charging cycles Capacity = 1.500mAh





Item No. 2011879

e-medice™ Silence TP 7 Battery charging station

Battery quick charging station for up to three TP 7 batteries
 (not included) ▶ One LED charging indicator per charging port ▶
 Only for TP 7 battery 81 W ▶ Charging time = 1h for 70%, 2h for
 100% ▶ 1.5 kg ▶ FCC part 15, CE-EMC, RoHS

Item No. 2011880

LED-charge indicators

-  is loaded
-  recharged
-  charging error
-  is not loaded



Anti-bacterial desktop stand for TP 2/ TP 6/ TP7

Accessories for the e-medice™ Silence TP series ▶ fixed
 and safe stand ▶ inclinable in an angle from -10° to
 +30° ▶ cleaning resistant surface ▶ VESA 75 x 75 mm &
 100 x 100 mm ▶ holding force up to 13 kg

Item No. 2007598

e-medic™ Tablet 8"

8" Tablet with docking station

This 8-inch tablet offers unlimited mobility in treatment rooms or during medical rounds. With the tablet **e-medic™ 8"**, you can access emails, news, photos and information from anywhere. The included e-medic™ medical docking station offers the possibility to load your tablet at a designated place. In addition, the docking station offers further interfaces for a second monitor, a mouse and a keyboard. This allows continue working, comfortably while your e-medic™ Tablet is loading.



Ideal for:

- | | |
|------------------------|-------|
| Surgery/intensive care | * * * |
| Endoscopy | * * * |
| Diagnostics | * * * |
| Viewing | * * * |
| Patient's environment | * * * |

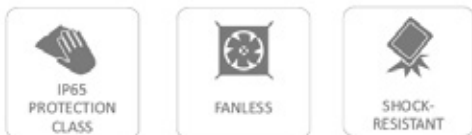
Benefits:

- > Sturdy – **Shockproof** – Drop-Resistant
- > Operable with gloves
- > **IP65** housing – dirt- and splash-proof
- > **Closed**, disinfectable housing
- > **Drop-resistant** up to 1 metre height – Gorilla Glass
- > **Docking station** with quick-charging function via docking pins (3A)



Docking station

3x USB 3.0, 1xHDMI, 1x RJ45 (10/100/1000 MBit/s)



Technical Data	e-medice™ Tablet 8" incl. Docking Station
Processor	Intel® Atom™ Z3795
Compatibles OS	Windows® 10 Pro (extra fee)
Display	8,3" (21,08 cm); IPS Sunlight Readable Outdoor-Display
Resolution	1.920 x 1.200 Pixel (WUXGA)
Contrast	1.000:1
Brightness	500 cd/m ²
Display glass	Gorilla®-Glas 3
Graphics	Intel® HD Graphics
Touch	Multi-Touch (10 finger); capacitive
RAM	4 GB LPDDR3
Hard disk	64 GB eMMC
Features	GPS, GLONASS, NFC (depending on the OS used), µSD card slot, WLAN IEEE 802.11 a/b/g/n, Bluetooth 4.0 + HS; Card Reader microSDXC, Kensington Lock
Optional	via Back-Cover-Extension: Smart Card Reader, Barcode Reader Drop Case up to 1,80 m, Windows® 10 Pro 64-bit, LTE
Interface	1x USB 2.0, 1x microUSB, 1x Mic-in, Docking-Plug
Interfaces Docking station	3x USB 3.0, 1x HDMI, 1x RJ45 (10/100/1000 MBit/s)
Camera	Front: 2,0 Megapixel ; Rear: 8,0 Megapixel
Battery	Li-Po, up to 10 h run time
Protection class	IP 65
Power supply	external
Weight	0,554 kg
Dimensions (BHT)	227,8x 150,1x 12,5 mm
Standards	DIN EN 60601-1-2:2015, DIN EN 61000-3-2:2006 +A1:2009+A2:2009, DIN EN 60950-1:2006 +A11:2010+A1:2010+A12:2011:A2:2013, DIN EN 55011:2009 + A1:2010(limit class B), DIN EN 61000-3-3:2008, (DIN EN 60601-1 3.1 Edition- only power supply)
Item No.	2011894

iPad protective cover Tough-Pac

Antimicrobial hard shell

The Tough-PAC® system provides comprehensive protection and safety when using iPad at work. A sealed robust outer shell with internal shock protection and choice of materials makes a case that is suitable for use in many harsh work place environments. The only case system specifically designed for medical use with inherent proven an antimicrobial technology to help with infection control - tested to ISO 22196 standard - shown to kill more than 99.6 % of contaminating organisms. Tough-PAC® also have a range of unique ,simply-dock' charge & synchronization. If you are looking for the ultimate case for iPad 4, 5, 6 or iPad Air/Air 2, the Tough-PAC® should be your choice.

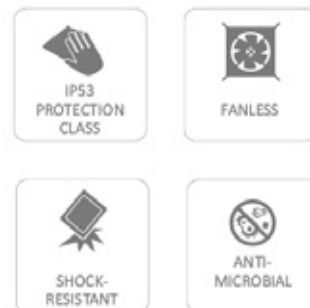


Ideal for:

- | | |
|------------------------|-------|
| Surgery/intensive care | * * * |
| Endoscopy | * * * |
| Diagnostics | * * * |
| Viewing | * * * |
| Patient's environment | * * * |

Benefits:

- › Antimicrobial hard shell protection for the iPad
- › Cleaning with antimicrobial cloths or Sprays possible
- › Protection for all connections and keys
- › Protection against dust and dust penetration Liquids, IP53





Tough Pac®

Can be cleaned with antimicrobial wipes or sprays ▶ Protection against penetration of dust and liquids ▶ IP53 ▶ Lift - Use – Dock function for charging and synchronising ▶ Ergonomic carrying handle ▶ Camera ports ▶ Interchangeable antibacterial screen protector ▶ Standard USB 2.0 connectivity ▶ Uses existing iPad power supply ▶ No loss of WiFi, 3G or Bluetooth connectivity ▶ Case Weight 525g (plus iPad) ▶ 85 %+ Recyclable materials

Tough-PAC for iPad 4 **2010790**

Tough-PAC for iPad 5/Air/Air 2 **2011582**

**DOCK
AND GO**



Tough-PAC® Charger

The Tough-PAC® charging station allows you to simultaneously charge, synchronise and work on the iPad. For people who want to use the iPad as a tablet computer workstation, it is compatible with all standard Bluetooth keyboards, making it particularly user-friendly Biomaster Anti-microbial technology ▶ Simply-Dock technology ▶ Use in landscape or portrait modes ▶ Cleanable with anti-microbial & detergent wipes ▶ USB 2.0 connectivity – charging & synchronisation 0.8m USB 2.0 cable ▶ Recyclable materials 85 % +

Item No. **2010792**



Tough-PAC® multi-charge – 4x

The Multi-Charge Station is ideal for areas in which several iPads are being used in Tough-PAC® cases. With the Multi-Charge Station, up to 4 iPads can be charged at the same time while they are in the Tough-PAC® case ▶ Charging up to 4 devices simultaneously ▶ Simply-Dock technology ▶ Cleanable with anti-microbial & detergent wipes ▶ USB 2.0 connectivity – charging & synchronisation ▶ Uses existing iPad 10/12 W power supplies ▶ Recyclable materials 85 % +

Item No. **2010793**

CARTS FOR CLINICS

**IT carts for medical areas with
particularly good hygiene properties.**



**THE MOBILE
WORK-
STATION**



e-medice™ Carts



Technical Data	e-medice™ cart AIO	e-medice™ cart Notebook
Description	e-medice™ cart with VESA Mount for Panel PC or Display	e-medice™ Cart for Notebooks up to 17 inch
Monitor stand	max. 22" Monitor (not outstanding) Weight: 5-8 kg	/
Height adjustment	Monitor to Desktop: 440x 530 mm Monitor to floor: 1200x 1570 mm Desktop to floor: 750x 1050 mm max. height adjustment: 750- 1570 mm	/
Lift mechanism	Manual with gas spring (stepless)	Desktop to floor: 750- 1050 mm max. height adjustment: 750- 1050 mm Manual with gas spring (stepless)
Work surface	500x 500 mm	/
Footprint	540x 570 mm	540x 570 mm
Main material	Steel	Steel
Wheels	4x heavy duty, 2x lockable, Ø 75 mm	4x heavy duty, 2x lockable, Ø 75 mm
Transport handle	Front	Front
Weight wo accessoires	25,5 kg	25,5 kg
VESA Mount	75 & 100mm tilt- and swivel	/
Standards	CE- FCC-B, RoHS, IEC60601-1	CE- FCC-B, RoHS
Optional		
Panel PC	e-medice™ AIO 622	/
Input devices	Barcode- Scanner, hygienic keyboard	/
Battery	Power System: 220V AC Input, 12V DC Output Battery Type: Hot-swap Li-Polymer with multiple safety protection system Charge time: 2-4h except when using hot-swap batteries Running time: 6 hours. Unlimited availability with Hot-Swap battery.	/
Item No.	2012001	2011998



Technical Data		e-medictm cart iPad Pro	e-medictm cart iPad
Description	e-medictm Visitenwagen with lockable holder for the iPad Pro	e-medictm Visitenwagen mit iPad Halterung	
Monitor stand	supported models: ipad Pro 12,9"	supported models: iPad 9,7"	
	Weight: max. 0.631 kg	Weight: max 0.464 kg	
Height adjustment	/	/	
	iPad to floor: 950- 1400 mm	iPad to floor: 950- 1400 mm	
	Work surface to the floor: 750- 1050 mm	Work surface to the floor: 750- 1050 mm	
	max. height adjustment: 750- 1400 mm	max. height adjustment: 750- 1400 mm	
Lift mechanism	Manual with gas spring (stepless)	Manual with gas spring (stepless)	
Work surface	500x 500 mm	500x 500 mm	
Footprint	540x 570 mm	540x 570 mm	
Main material	Steel	Steel	
Wheels	4x heavy duty, 2x lockable, \varnothing 75 mm	4x heavy duty, 2x lockable, \varnothing 75 mm	
Transport handle	Front	Front	
Weight wo accessoires	25,5 kg	25,5 kg	
VESA Mount	75 & 100mm tilt- and swivel	75 & 100mm tilt- and swivel	
Standards	CE- FCC-B, RoHS, IEC60601-1	CE- FCC-B, RoHS	
Optional			
Panel PC	/	/	
Input devices	/	/	
Battery	/	/	
	/	/	
	/	/	
	/	/	
Item No.	2012000	2011999	

e-medic™ Cart AIO

All-In-One IT cart ultralight, flexible

An all-in-one cart solution that combines actually technology standards with particularly good hygiene properties. The **e-medic™ cart AIO** offers sufficient flexibility for medical areas. A valuable companion that can be operated while standing or sitting. The combination of stability and ultra-light design, with easily maneuverable wheels, creates a system that can be effortlessly integrated into daily hospital business. A lot of options such as: Medical All-in-One-PC, keyboard, mouse, hot-swap batteries for 24/7 use and barcode scanner allow the individualization of the system, perfectly adapted to your needs in the patient's environment, during the round or in the operating theatre.

Ideal for:

- | | |
|------------------------|-----|
| Surgery/intensive care | *** |
| Visite | *** |
| Care | *** |
| Documentation | *** |
| Patient environment | *** |

Benefits:

- › **Height adjustable** - standing or standing
Sitting operable
- › Robust **lightweight** construction
- › Low space requirement with low friction
- › Easy manoeuvrability
- › Incl. **Hot Swap battery** - changeable during operation



Ergonomic
tilting and swivelling

Height adjustable
operable in sitting or standing position



Features/ Accessories



VESA Mount for Panel PCs or Displays up to 8kg.



Handy handles for individual height adjustment.



Sturdy and easy to clean handle for easy transport.



Mobile and flexible. The front castors can be locked for a fixed position.



Hot-Swap Battery

Description	Exchangeable batteries for 24/7 use
Power consumption	160W
Input voltage	220V AC
Output voltage	12V DC
Type	Li-Polymer with multiple safety protection system
Runtime	approx. 4h at 40W load
Charging time	2-4h for 80% 3-4 h for 100%
	Life cycle status display: at the push of a button
LED Display	Status display Charging capacity: automatic 1.) empty, 2.) 0-14%, 3.) 15-29%, 4.) 30-59%, 5.) 60-89%, 6.) completely charged
Protection class	IP65
Standards	CE, IEC 60601, IEC 62133, SELV: Safe Extra Low Voltage
Item No.	2011986



Charging station

Description	2-fold charging station for wall mounting
Number of charging ports	2
Supported Batteries	only Hot-Swap Battery-Item No. 2011986
Charging time	3-4 h for 100%
Item No.	2011987

e-medic™ Cart Notebook

Innovative, ergonomic and easy to handle

The innovative, ergonomic and easy to handle **e-medic™ cart for Notebooks** is ideal for medically used areas. This cart is a valuable companion, which has a stepless height adjustment function and can be operated while standing or sitting. The combination of stability and ultra-light design, with easily manoeuvrable wheels, creates a system that can be effortlessly integrated into any hospital environment. This notebook cart meets the demands of the nursing staff and also convinces with particularly good hygiene properties and cost efficiency.

Ideal for:

- Surgery/intensive care * * *
- Visite * * *
- Care * * *
- Documentation * * *
- Patient environment * * *

Benefits:

- › **Height adjustable** - sitting or standing
Sitting operable
- › Notebook holder included
- › Robust **lightweight** construction
- › Lockable wheels
- › Easy manoeuvrability



Height adjustable
operable in sitting or standing position



Lockable wheels
4 wheels
2 lockable



e-medic™ Cart iPad/ Pro

The iPad at the patient's bedside

The **e-medic™ Cart iPad** and **iPad Pro** are mobile cart solutions with a mounting bracket for the iPad or iPad Pro. The effortless maneuvering all over the clinic makes this cart to a valuable assistant which is particularly appreciated by doctors and nurses. This ergonomic cart solution is easy to adjust and the user can decide between sitting or standing at work. The e-medic™ cart for iPad Pro convinces with its space-saving and clear design and also offers particularly good hygiene properties. The cart makes it possible to improve your work processes - not only in terms of time, also in terms of quality.

Ideal for:

Surgery/intensive care	***
Visite	***
Care	***
Documentation	***
Patient environment	***

Benefits:

- › **Height adjustable** - sitting or standing
Sitting operable
- › iPad Pro Lockable bracket
- › **Ergonomic** - height-adjustable with a tilt and swivel tablet holder
- › Robust **lightweight** construction
- › Low space requirement with low friction
- › Easy manoeuvrability



Ergonomic
tilting and swivelling

Height adjustable
operable in sitting or standing position



MEDICAL KEYBOARDS AND MICE

Durable, fast and easy to clean.
With an excellent tactile feedback.

MediTouch



Strg **SEAL SHIELD™** Alt



e-medice™ Keyboard



GLASS-FRONT

Keyboard with glass surface, for areas where hygiene is a must have.

The e-medice™ Keyboard GL is a quality keyboard with glass surface. This keyboard was designed for the long-term use in the medical field or in the food industry. The easy-to-clean front is made of tempered glass supported by a robust ABS plastic housing. This material composition enables extremely quiet working. Ideal for environments in which the noise level must be kept as low as possible. If you don't want to do without a key feedback completely, you can optionally switch on an acoustic key feedback (beep) or video feedback. For optimal use, the e-medice™ keyboard also has a switchable touchpad.

Benefits:

- › **High quality** design
- › Alphanumeric **glass keyboard**
- › **IP65** - front sealing
- › Can be operated with **gloves**
- › Easy to clean
- › Integrated **touchpad**
- › USB port

Technical Data	e-medice™ Keyboard GL
Number of keys	105 keys
Degree of protection	IP65
Compatible OS	Microsoft® Windows, Mac OSX, Android
Dimensions	436 x 160 x 20 mm
Weight	0,87 kg
Color	white
Layout	DE
Connection	USB, Bluetooth & RF via Dongle
operating temperature	20°C up to +60°C
Standards	FCC, CE, ROHS
Item No. Layout DE/W	2011997

* Also available in international layouts.

Baaske MediTouch Keyboards



Baaske MediTouch ST: High quality silicone keyboard for hygiene-sensitive areas.

The Baaske MediTouch® ST convinces with its optimized key height, which makes it easy to clean and at the same time conveys the feeling of a modern keyboard. The pleasantly quiet key operation offers the user a comfortable operation and an excellent pressure point. In addition, the medical keyboard is completely sealed, seamless and can be completely submerged in liquid (IP68). A self-resetting Tru-Lock mechanism allows you to clean the Baaske MediTouch® ST keyboard during operation.

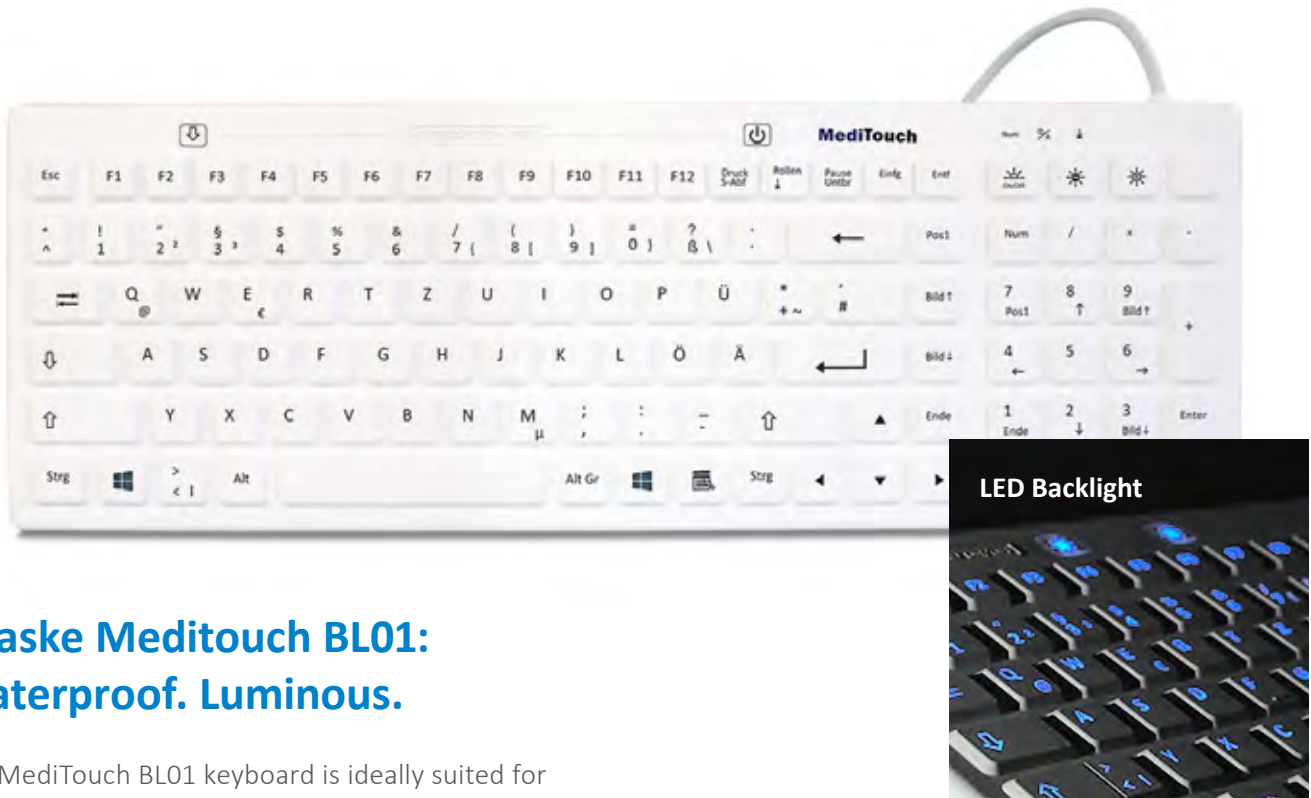
Benefits:

- › Fully sealed silicone keyboard
- › Excellent tactile feedback
- › Self-resetting key lock
- › Very flat, only 14 mm high
- › Can be completely immersed in liquid

Technical Data	MediTouch ST
Number of keys	105 incl. number pad and F-keys
Degree of protection	IP68
Compatible OS	Windows, Mac and Linux
Dimensions	380 x 137 x 14 mm
Weight	1 kg
Color	white
Connection	USB
Power consumption	20mA@5V
Operating temperature	0° up to 60°C
Humidity	up to 100 %
Standards	CE, FCC Part 15 Class B, EN 60601-1
Warranty	2 years
Item No. Layout DE/W*	2010320
Item No. Layout US/W*	2010361

* Also available in international layouts.

Baaske MediTouch Keyboards



Baaske Meditouch BL01: Waterproof. Luminous.

The MediTouch BL01 keyboard is ideally suited for areas with less brightness such as operating theatres or X-ray workstations. The gradual background lighting can be individually adapted to the given lighting conditions and can be switched off via a separate button if required. Completely sealed, the silicone keyboard can be dipped in liquids (IP68). The Tru-Lock mechanism also allows cleaning during operation.

Benefits:

- › Backlight adjustable
- › Fully sealed (IP68)
- › Disinfectable
- › Excellent tactile feedback
- › According to EN 60601-1-2
- › Quiet – noiseless keystroke

Technical Data	MediTouch BL01
Number of keys	108 incl. numeric keypad
Degree of protection	IP68
Compatible OS	Microsoft Windows®
Dimensions	380 x 130 x 10 mm
Weight	580 g
Color	white
Connection	USB
Backlight	blue / brightness stepwise adjustable
Cable length	1.85 m
Standards	CE, EN 60601-1-2:2007+AC:2010 sectin 6; EN 55011:2009 +A1:20010 (limit class B); EN 601000-3-2:2006; EN 61000-3-3:1995 + Corr. Juli 1997
Item No. Layout GER*	2011318

* Also available in international layouts.



Technical Data	MediTouch
Number of keys	104
Degree of protection	IP68
Compatible OS	Microsoft® Windows 7/Vista®/XP/2000/ME/98
Dimensions	340 x 165 x 16,3 mm
Weight	800 g
Color	white
Operating temperature	-10°C up to +65°C
Cable length	1.85 m
Standards	CE, EN 60601-1-2:2007+AC:2010 Abschnitt 6; EN 55011:2009 +A1:20010 (limit class B); EN 601000-3-2:2006; EN 61000-3-3:1995 + Corr. Juli 1997
Item No. Layout GER*	2006723

* Also available in international layouts.



Technische Daten	Baaske MediTouch BLT03
Number of keys	122 keys inkl. 24 Function keys and number pad
Degree of protection	IP68
Compatible OS	Microsoft® Windows 98SE/ 98ME/ 2000/ XP / 7 / 8.1 / 10; Mac OS9 / OSX
Dimensions	365 x 136 x 12 mm
Weight	650 g
Color	white
Backlight	blue / brightness gradually adjustable
Cable length	1.85 m
Standards	CE, FCC, RoHs, EN 60601-2:2015
Item No. Layout GER*	2011843

* Also available in international layouts.

WIRELESS



Technical Data	Baaske Meditouch Wireless BLT02
Number of keys	85 keys + F-keys + 18 Multimedia keys
Degree of protection	IP67
Compatible OS	Microsoft® Windows 7/Vista®/XP/2000/ME/98
Dimensions	418 x 133 x 16 mm
Weight	793g (without batteries)
Color	white
Intervace Receiver	Mini USB
Battery type	2x AAA required (not included in delivery)
Standards	CE,FCC,RoHs, EN 60601-1
Item No. Layout GER*	2011316
Item No. Layout ITA*	2011638

* Also available in international layouts.

Man & Machine Keyboards



Technical Data	Really Cool LP DE/GR USB
Number of keys	85 incl.number block + 12 function keys
Degree of protection	IP68
Compatible OS	Windows, Mac and Linux
Dimensions	380 x 140 x 15 mm
Weight	780 g
Cable length	1.8 m
Connection	USB (Plug & Play)
Standards	CE, FCC, EN-IEC 60601-1, WEEE, RoHs
Item No.	2006600

* Also available in international layouts.



Technical Data	Really Cool Touch LP DE/GR USB
Number of keys	104 including number block
Degree of protection	IP68
Compatible OS	Windows, Mac and Linux
Dimensions	380 x 150 x 15 mm
Weight	780 g
Cable length	1.8 m
Connection	USB (Plug & Play)
Standards	CE, FCC, EN-IEC 60601-1, WEEE, RoHs
Item No.	2007468

* Also available in international layouts.



Technical Data	Man&Machine SlimCool LP
Number of keys	85 inkl. 12 Funktionstasten
Degree of protection	IP68
Compatible OS	Windows, Mac und Linux
Dimensions	300 x 140 x 15 mm
Weight	600 g
Cable length	1.8 m
Connection	USB 2.0 (Plug & Play)
Standards	CE, FCC, EN-IEC 60601-1, WEEE, RoHs
Item No. Lay. DE/GR*	2010263

* Also available in international layouts.



Technical Data

SlimCool+ LP

Number of keys	85 including number block + 12 function keys
Degree of protection	IP68
Compatible OS	Windows, Mac and Linux
Dimensions	300 x 200 x 15 mm
Weight	825 g
Cable length	1.8 m
Connection	USB (Plug & Play)
Standards	CE, FCC, EN-IEC 60601-1, WEEE, RoHs
Item No.	2010310

* Also available in international layouts.



Technical Data

Its Cool DE/GR USB

Number of keys	99 keys + 12 F-keys
Degree of protection	IP65
Compatible OS	Windows, Mac and Linux
Dimensions	345 x 115 x 25 mm
Weight	260 g
Cable length	1.5 m
Connection	USB (Plug & Play)
Standards	CE, FCC, WEEE, RoHs
Item No.	2010673

* Also available in international layouts.

Technical Data

Its Cool Flat DE/GR USB

Number of keys	99 keys + 12 F-keys
Degree of protection	IP65
Compatible OS	Windows, Mac and Linux
Dimensions	345 x 115 x 25 mm
Weight	260 g
Cable length	1.5 m
Connection	USB (Plug & Play)
Standards	CE, FCC, WEEE, RoHs
Item No.	2010971

* Also available in international layouts.



**KEYBOARD
INCL.
COVER**

Man & Machine Keyboards



Technical Data	Man&Machine Very Cool Flat
Number of keys	104keys including number block
Degree of protection	IP65
Compatible OS	Windows, Mac and Linux
Dimensions	420 x 230 x 152 mm
Weight	500 g 575 with protective cover
Cable length	0.45 m extension cages 1.5m (include)
Connection	USB (Plug & Play)
Standards	CE, FCC, WEEE, RoHs
Item No. Lay. DE/GR*	2012015

* Also available in international layouts.

Seal Shield Keyboards



Technical Data	Clean Wipe
Number of keys	99
Degree of protection	IP68
Compatible OS	Windows, Mac
Dimensions	344 x 113 x 25 mm
Weight	265 g
Cable length	1.8 m
Connection	Bluetooth
Standards	CE, FCC, WEEE, RoHs
Item No. Lay. DE/GR	2010637

* Also available in international layouts.

Technical Data	Silver Seal
Number of keys	105
Degree of protection	IP68
Compatible OS	Windows, Mac OS X
Dimensions	459 x 174 x 35 mm
Weight	802 g
Cable length	1.8 m
Connection	USB 2.0
Standards	CE, FCC, WEEE, RoHs
Item No. Lay. DE/GR*	2010630

* Also available in international layouts.

Baaske MediTouch Mice



Technical Data	MediTouch ST – Laser Mouse W
Position sensing	Laser-Sensor
Number of keys	2 buttons + touch scroll function
Optical Sensor	1500 dpi
Degree of protection	IP68
Compatible OS	Microsoft® Windows®7/8/Vista®/XP/2000/ME/98
Color	White
Dimensions	65x 115x 41 mm
Weight	164g
Cable length	1.8 m
Standards	CE, RoHS; EN 60601-1-2
Item No.	2010329



WIRELESS



Technical Data	MediTouch Wireless LS01
Position sensing	Laser-Sensor
Number of keys	2 buttons and 3 scroll function buttons
Optical Sensor	800 dpi
Scanning speed	3.000 Frames / Second
Degree of protection	IP68
Compatible OS	Microsoft® Windows®7/8/Vista®/XP/2000/ME/98
Color	white
Material	Silicone
Dimensions	65x 114x 41 mm
Weight	105 g (without batteries)
Transference	up to 10 Meters via USB Receiver
Standards	CE,FCC, RoHS & WEEE; EN 60601-1
Item No.	2011319

Technical Data	MediTouch LS01
Position sensing	Laser-Sensor
Number of keys	2 buttons + touch scroll function
Optischer Sensor	1500 dpi
Scanning speed	3.000 Frames / Second
Interface	USB 2.0
Degree of protection	IP68
Compatible OS	Microsoft® Windows®7/8/Vista®/XP/2000/ME/98
Color	white
Material	Silicone
Dimensions	68x 115x 42 mm
Weight	161 g
Cable length	1.85 m
Standards	CE,FCC, RoHS & WEEE; EN 60601-1
Item No.	2011320

Man & Machine Mice



Technical Data	Man&Machine PetiteMouse
Position sensing	Laser-Sensor
Number of keys	5 buttons and scroll function
Connector	USB 2.0
Degree of protection	IP68
Compatible OS	Windows, Linux & Mac
Color	white
Material	Silicone
Dimensions	60x 110x 40 mm
Weight	143 g
Cable length	1.8 m
Standards	CE, FCC, EN-IEC 60601-1, WEEE, RoHS
Item No. Color: white	2006886
Item No. Color: black	2006887

Technical Data	Man&Machine MightyMouse5
Position sensing	Laser-Sensor
Number of keys	5 buttons and scroll function
Connector	USB 2.0
Degree of protection	IP68
Compatible OS	Windows, Linux & Mac
Color	white
Material	Silicone
Dimensions	65x 125x 35 mm
Weight	142 g
Cable length	1.8 m
Standards	CE, FCC, RoHS & WEEE; EN 60601-1
Item No. Color: white	2005762
Item No. Color: black	2005763



Man&Machine Silicone Mauspad

Hygienic mouse pad set • set consisting of 5 mouse pads • latex-free silicone • sterilizable up to 108°C in autoclave or thermal disinfectant • colour: grey

Item No. 2007722

Seal Shield Mice



Technical Data	Silver Storm STWM042
Position sensing	Laser-Sensor
Number of keys	2 keys and ScrollRAD
Optical sensor	800 dpi
Degree of protection	IP68
Compatible OS	Microsoft® Windows®
Color	white
Dimensions	65x 117x 37,5 mm
Weight	68 g
Cable length	1,83 m
Standards	RoHS, WEEE, CE, FCC
Item No.	2011623

Technical Data	Silver Storm Wireless
Position sensing	Laser-Sensor
Number of keys	2 keys + ScrollRAD
Optical sensor	800 dpi
Degree of protection	IP68
Compatible OS	Microsoft® Windows®
Color	white
Dimensions	65 x 38 x 117 mm
Weight	80g
Cable length	kabellos
Standards	NEMA 4X, RoHS, WEEE, CE, FCC
Item No.	2010636

Keyboard covers Baaske PC Uni Flex



**EFFECTIVE
PROTECTION
AGAINST
BACTERIA,
VIRUS AND
FUNGUS**

Advantages:

- › Reliable protection against bacteria, virus and fungus
- › Prevents penetration of foreign bodies and fluids into the keyboard
- › Protects from daily wear and tear
- › Easy to use, easy to replace

Application



1.



2.



3.



Technical Data

PC keyboard protection Uni Flex

Description	Keyboard protector made of high-quality thermoplastic polyurethane (TPU). Protects users from spreading germs and prevents penetration of foreign bodies and fluids into the keyboard. Can be used on multiple keyboards for up to 3 months (depending on use)
Material	High-quality thermoplastic Polyurethane (TPU)
Material thickness	0.025 mm
Durability	Up to 3 months, depending on the load
Dimensions	400- 500 mm
Color	transparency
Minimum order quantity	10 pieces
Item No.	2005758



Technical Data

keyboard protection Uni Flex Nano

Description	Keyboard protection film with antibacterial coating to protect against the transmission of germs. Prevents the penetration of foreign bodies or liquids into the keyboard. Can also be used on several keyboards during its life cycle.
Material	High-quality thermoplastic Polyurethane (TPU), antibacterial coating
Material thickness	0.025 mm / 0.00098 in
Durability	approx. 3 months (depending on use)
Dimensions	400 up to 500 mm
Color	transparency
Minimum order quantity	10 piece
Item No.	2006206

DIGITAL IMAGING

High-resolution displays for medical sensitive areas.
Imaging in high and consistent quality
for all medical applications.



e-medic™



RICOH
imagine. change.





Product overview Digital Imaging



e-medix™ DISPLAY AM/ AM+

Patient environment/Doctor

The e-medix™ Medical Displays are ideal for clinics and medical practices due to their outstanding hygiene properties. The special glass front can be cleaned quickly and easily and reliably protects against scratches, bumps and other physical influences.

- [e-medix™ Display AM](#)
- [e-medix™ Display AM+](#)



AG neovo DISPLAYS

Patient environment/Doctor

Clinical displays with DICOM calibration, touch monitors or simple 19" Full HD displays, the Neovo brand provides the right monitor for almost every application within the patient environment.

- [Neovo LED DR-E](#)
- [Neovo Baaske LCD XM](#)
- [Neovo Baaske LCD TXM](#)
- [Neovo LED MX](#)



BARCO MEDICAL DISPLAYS

Patient environment/Operating room

Barco offers innovative imaging systems for every point of contact with the patient – from the diagnostic room to radiology, mammography, surgery, modalities, pathology, point of care, special clinical applications, dentistry or surgery.

[Diagnostic Displays](#)

[Clinical Displays](#)

[Surgery Displays](#)

[Smart-Displays](#)



WOUND CAMERA

Patient environment/Operating room

Efficient photo documentation of patients, surgery and wounds. With the help of a digital documentation solution, doctors and nursing staff can focus even more on patients.

[Ricoh](#)

e-medic™ Medical Displays

Hygienic monitor with glass front. Ideal for the patient environment.

The emedic™ Medical Displays are ideal for clinics and medical practices. They impress with excellent image quality and outstanding hygiene properties. The extremely robust and durable displays offer excellent color, contrast and detail reproduction for excellent, clear and sharp imaging. In addition, the displays have a special glass front that reliably protects against scratches, impacts and other physical influences. In combination with a power supply designed for the patient environment, this system meets all requirements for the safe use in medical areas.





Ideal for:

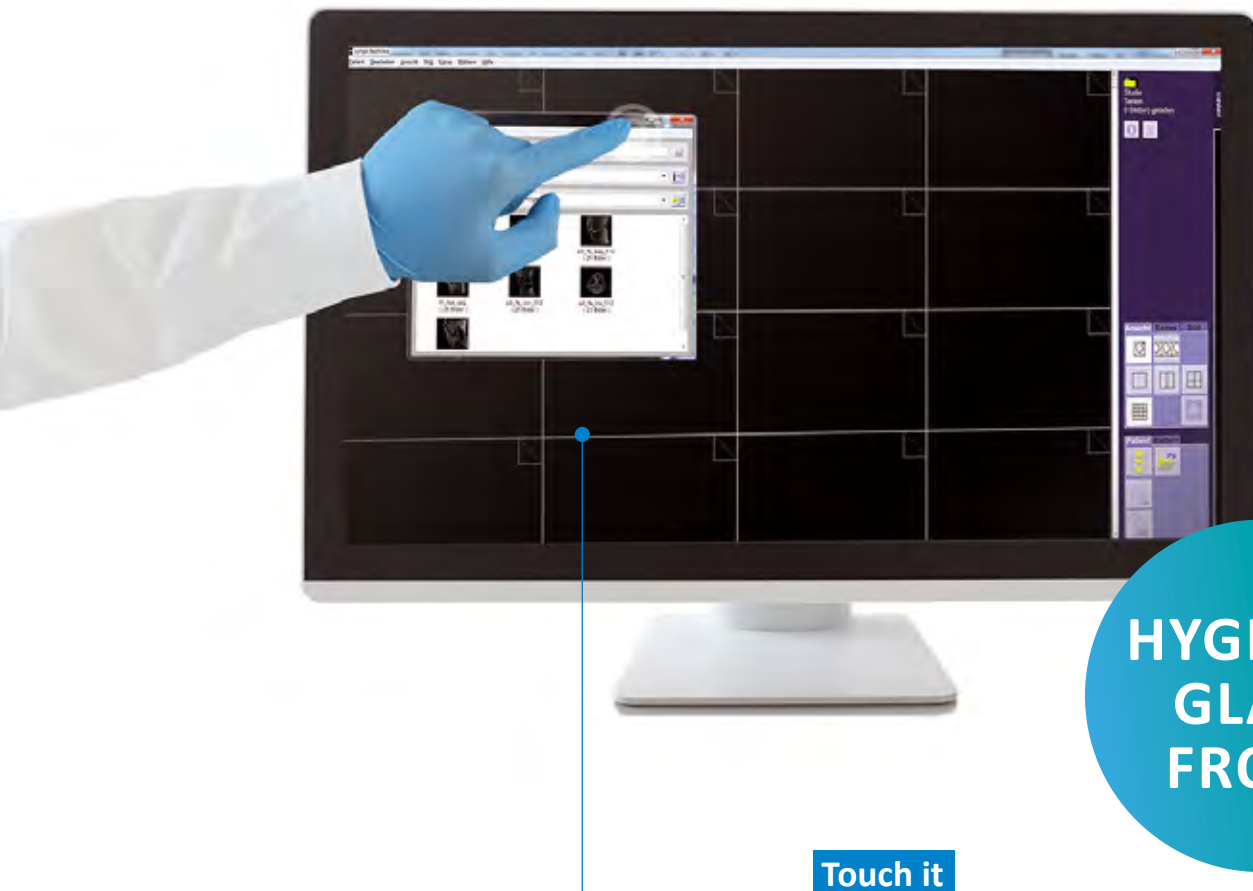
- Surgery/intensive care
- Endoscopy
- Diagnostics
- Viewing
- Patient's environment

- ***
- ***
- ***
- ***
- ***

Benefits:

- › Excellent colour, contrast and detail reproduction
- › Resistant to cleaning
- › VESA mounting option
- › Long-term availability

 EN 60601-1	 COLOR DISPLAY	15 INCH	19 INCH
21 INCH	24 INCH	27 INCH	

**Touch it**

The multitouch monitor for the patient environment supports multi-touch (up to 10 points) and can be operated with gloves. Modern technologies such as resistive, SAW and PCAP touch technologies enable the user to navigate easily and precisely.

Model view e-medice™ Displays



Technical Data	15"	19"	22"	24"
Description	e-medice™ Display 15AM	e-medice™ Display 19AM	e-medice™ Display 22AM	e-medice™ Display 24AM
Item No.	2011944	2011803	2011805	2011770
Display	LED-Backlight TFT LCD	LED-Backlight TFT LCD	LED-Backlight TFT LCD	LED-Backlight TFT LCD
Color	white	white	white	white
Resolution	1024 x 768	1280 x 1024	1920 x 1080	1920 x 1080
Pixelpitch	297 µm	294 µm	248.3 µm	277 µm
Brightness	350 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²
Contrast ratio	800 : 1	1000 : 1	5000 : 1	5000:1
Response time	8 ms (on/off)	5 ms (on/off)	25 ms (on/off)	25 ms (on/off)
Viewing angle	160° (H)/160° (V)	170° (H)/160° (V)	178° (H)/178° (V)	178° (H)/178° (V)
Interfaces	DVI-D, VGA, Combo USB/RS232 (Touch)	DVI-D, VGA, Combo USB/RS232 (Touch)	DVI-D, Display Port, VGA, Combo USB/RS232 (Touch)	DVI-D, Display Port, VGA, Combo USB/RS232 (Touch)
Operating temperature	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)
Supply voltage	DC 12 V	DC 12 V	DC 12 V	DC 12 V
Power consumption	< 25W in operation	< 30W in operation	< 35W in operation	< 40W in operation
Dimensions (WHD)	347.4 x 355.7 x 175 mm	430 x 397 x 175 mm	538 x 385 x 175 mm	582 x 395 x 175 mm
Weight	4,4 kg (2.6 kg w/o Stand)	5,9 kg (4.2 kg w/o Stand) 6.6 kg (Touch) (4.9 kg w/o Stand)	6.3 kg (4.6 kg w/o Stand) 7.1 kg (Touch) (5.4 kg w/o Stand)	7.3 kg (5.6 kg w/o Stand) 9.1 kg (Touch) (7.4 kg w/o Stand)
Material case	Plastic	Plastic	Plastic	Plastic
Front	Glass front	Glass front	Glas front	Glas front
Power supply	external medical	external medical	external medical	external medical
Mounting	VESA 100 x 100 mm (Stand device)	VESA 100 x 100 mm (Stand device)	VESA 100 x 100 mm (Stand device)	VESA 100 x 100 mm (Stand device)
Degree of protection	IPx5 (Front) IPx1 (Back Cover)	IPx5 (Front) IPx1 (Back Cover)	IPx5 (Front) IPx1 (Back Cover)	IPx5 (Front) IPx1 (Back Cover)
Standards	UL/cUL (60601 Ed3.1), CB (60601 Ed3.1), CE, FCC-B, VCCI-B	UL/cUL(60601 Ed3.1), CB(60601 Ed3.1), CE, FCC-B	UL/cUL(60601 Ed3.1), CB(60601 Ed3.1), CE, FCC-B	UL/cUL(60601 Ed3.1), CB(60601 Ed3.1), CE, FCC-B
Item No. with Touch	2011945	2011804	2011806	2011771



Technical Data	22"	24"	27"
Description	e-medictm Display 22AM+	e-medictm Display 24AM+	e-medictm Display 27AM+
Item No.	2011807	2011772	2011810
Display	LED-Backlight TFT LCD	LED-Backlight TFT LCD	LED-Backlight TFT LCD
Color	white	white	white
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Pixelpitch	248 µm	274 µm	311 µm
Brightness	350 cd/m ²	250 cd/m ²	300 cd/m ²
Contrast ratio	1000:1	1000:1	3000:1
Response time	22 ms (on/off)	14 ms (GtG)	12 ms (on/off)
Viewing angle	178° (H)/178° (V)	178° (H)/178° (V)	178° (H)/178° (V)
Interfaces	DVI-D, DisplayPort, VGA, Combo USB/RS232 (Touch)	DVI-D, DisplayPort, VGA, Combo USB/RS232 (Touch)	DVI-D, DisplayPort, VGA, Combo USB/RS232 (Touch)
Operating temperature	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)	10 °C ~ 40 °C -20 °C ~ 60 °C (w. Touch)
Supply voltage	DC 24 V	DC 24 V	DC 24 V
Power consumption	< 40W in operation	< 40W in operation	< 40W in operation
Dimensions (WHD)	537x 387x 175 mm	581x 400x 175	651x 441x 175 mm
Weight	8.2 kg (6.5 kg w/o Stand)	9.5 kg (7.7 kg w/o Stand)	10.3 kg (5.6 kg w/o Stand) 8.4 kg (Touch) (7.4 kg w/o Stand)
Material case	Plastic	Plastic	Plastic
Front	Glass front	Glass front	Glass front
Power supply	external medical	external medical	external medical
Mounting	VESA 100 x 100 mm (Stand device)	VESA 100 x 100 mm (Stand device)	VESA 100 x 100 mm (Stand device)
Degree of protection	IP65 (Front) IPx1 (Back Cover)	IP65 (Front) IPx1 (Back Cover)	IPx5 (Front) IPx1 (Back Cover)
Standards	cTUVus (60601 Ed3.1), CB (60601 Ed3.1), CE, FCC-B	cTUVus (60601 Ed3.1), CB (60601 Ed3.1), CE, FCC-B	cTUVus (60601 Ed3.1), CB (60601 Ed3.1), CE, FCC-B
Item No. with Touch	2011808	2011809	2011811

AG Neovo Medical Displays

Good price-performance ratio and versatile.

AG Neovo brand monitors are ideal for hospitals and medical practices. Clinical display with DICOM calibration, touch monitor or 19" display for the dental sector, AG Neovo provides the right monitor for almost every application within the patient environment. The excellent colour, contrast and detail reproduction enables brilliant, clear and sharp image reproduction. In addition, the displays have a special NeoV™ Optical glass front that reliably protects against scratches, shocks and other physical influences. In combination with a power supply designed for the patient environment, this system meets all requirements for safe use in medical areas.



 EN 60603-1	 COLOR DISPLAY	2 MP MEGAPIXEL	
19 INCH	22 INCH	24 INCH	27 INCH

Ideal for:

- | | |
|------------------------|-----|
| Surgery/intensive care | *** |
| Endoscopy | *** |
| Diagnostics | ** |
| Viewing | *** |
| Patient's environment | *** |

Benefits:

- > Good colour, contrast and detail reproduction
- > Resistant to cleaning
- > VESA mounting option
- > Can also be used as an all-in-one solution
- > Versatile product portfolio
- > Long-term availability



ONE PRODUCT
MANY
SOLUTIONS



Touch it

PC mounted

Create a space-saving All-In-One system with just a few simple steps. Almost all Neovo monitors have VESA mounting points. For example, our Micro PC emedic™ Silence XT can be attached. The low weight of the XT microcomputer does not affect the stability of the monitor.

The patient environmental multi-touch monitor provides consistent and accurate colors from any viewing angle. The projected capacitive touch technology allows the user to navigate easily and precisely with a finger or touchpad pen on the monitor.

Model view Neovo-Displays



Technical Data	DR-E – Dental	MX – DICOM
Name	Neovo LED DR-E	Neovo LED MX
Display	LED-Backlight TFT LCD	LED-Backlight TFT LCD
Color	white	white
Resolution	22" 1920 x 1080 Full HD	24" 1920 x 1080 Full HD
Pixelpitch	22" 248 µm	24" 272 µm
Brightness	250 cd/m ²	300 cd/m ²
Contrast ratio	3000 : 1	1000 : 1
Response time	5 ms	5 ms
Viewing angle	178°/178°	170°/ 160°
Interfaces	VGA, DVI-D, HDMI, CVBS, S-Video, Display Port	VGA, DVI-D, HDMI, DisplayPort 1.2
Speaker	2x 2W	2x 2W
Operating temperature	0 °C ~ 40 °C	0 °C - 40 °C
Storage temperature	-20 °C ~ 60 °C	-20 °C - 60 °C
Supply voltage	external DC 24V	external DC 12 V
Power consumption	22" < 26W operating	24" < 19W operating
Dimensions (WHD)	22" 513 x 369 x 156 mm	24" 562 x 397 x 155 mm
Weight	> 6,8 kg (w/o stand)	< 7.8 kg (w/o stand)
Material case	Metal	Metal
Front	NeoV™ Optical Glass	NeoV™ Optical Glass
Power supply	external medical	external medical
Assembly	VESA FPM PMI (100 x 100 & 75 x 75 mm)	VESA FPM PMI (100 x 100 mm & 75 x 75 mm)
Standards	CE, RoHS, WEEE, REACH, EN 60601-1, IEC 60601-1	CE, EN60601-1, IEC60601-1, RoHS, WEEE
19 Inch	---	---
22 Inch	Item No. 2011423	---
24 Inch	---	Item No. 2011422
27 Inch	---	---

GLASS FRONT



Technical Data

XM – Allround

TXM – Touch

Name	Neovo Baaske LCD XM	Neovo Baaske LCD TXM
Display	LED-Backlight TFT LCD	Backlight TFT LCD
Color	white	white
Resolution	19" 1280 x 1024 SXGA	22" 1920 x 1080 Full HD
Pixelpitch	19" 294 µm	248 µm
Brightness	250 cd/m ² typical	250 cd/m ²
Contrast ratio	1000 : 1	1000 : 1
Response time	3 ms GTG	7 ms
Viewing angle	170°/ 160°	178°/178°
Interfaces	VGA, DVI-D, HDMI, DisplayPort, Audio-In	1 x VGA; 1x DVI
Speaker	2x 2W	---
Operating temperature	0° C ~ 40° C	0° C - 40° C
Storage temperature	-20° C ~ 60° C	-20° C - 60° C
Supply voltage	external DC 12 V	external DC 12 V
Power consumption	19" < 21W operating	< 27W operating
Dimensions (WHD)	19" 445 x 420 x 175 mm	528 x 347 x 214 mm
Weight	> 6,3 kg (w/o stand)	4,8 kg (w/o stand)
Material case	Metal	Metal
Front	NeoV™ Optical Glass	Touch Screen capacitive
Power supply	external medical	external medical
Assembly	VESA FPMPMI (100 x 100 & 75 x 75 mm)	VESA FPMPMI (100 / 100)
Standards	CE, RoHS, WEEE, REACH, EN 60601-1 3rd, EuP/ErP	EN60601-1, CE, RoHS, WEEE, REACH, IEC 60601-1
19 Inch	Item No. 2010266	---
22 Inch	---	Item No. 2011399
24 Inch	---	---
27 Inch	---	---

Barco Medical Displays

Innovative imaging systems for each point of contact with the patient.

With the Medical Display solutions, Barco offers one of the largest product portfolios in the field of digital image processing. The versatile product portfolio offers suitable models ranging from diagnostic rooms in radiology, mammography, pathology and dentistry to surgery in the operating room, use in various modalities or directly at the point of care at the patient's bedside. With over 600,000 medical displays in leading healthcare facilities worldwide, Barco is a trusted name for your hospital equipment.

Benefits:

- › Medical displays for operating theatres
- › Specialized in the high demands of diagnostics, surgery and clinical displays
- › Versatile product portfolio
- › Highly innovative, best quality and longevity



Smart Displays with Touch

A range of displays that provide an intuitive, ergonomic touch experience. They can be used in a wide range of medical specialties, including digital operating theatres and medical carts. Wherever doctors need access to detailed information at the touch of a finger.

[MDRC Option TS](#)

[AMM 215WTTP](#)

[MUIP-2112](#)



Diagnostic Displays

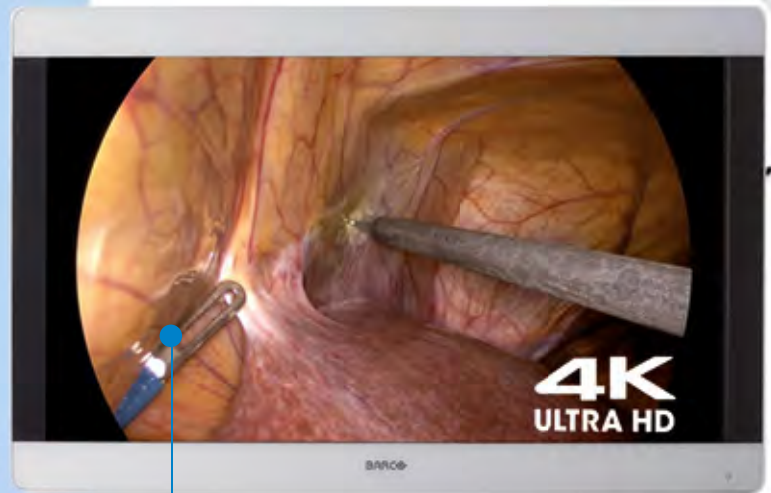
Visualization solutions for high-quality imaging in diagnostics. Developed down to the smallest detail to ensure accurate reporting and simplify with the help of workflow tools.

[Coronis](#)

[Coronis Fusion](#)

[Coronis Uniti](#)

[Nio](#)



Surgery Displays

Real-time imaging in the OR. Patient close viewing displays for use in minimally invasive surgery, e.g. endoscopy or arthroscopy, or for displaying patient-related medical data such as x-rays or vital data.

Available in different sizes from 21.5" - 58" and in resolutions from Full-HD up to 4K UHD and 4K DCI.

[AMM](#)

[MDSC](#)



Clinical Displays

Ideal for use in numerous medical specialties and dental practices. These displays offer unsurpassed image consistency and can be centrally managed with MediCal QAWeb.

[Eonis](#)

[MDRC-1219 \(TS\)](#)

Barco Diagnose-Displays



NIO

Mammography/Radiology

- › Most ambitious dual-head option on the market
- › The market highest brightness and contrast-
Luminanceratios exceed ACR guidelines minimum
image manipulation; less windowing, levelling,
zoom & panning; more DICOM JNDs
- › Uniform image rendering from the center
to the edge
- › Factory front cover reduces reflections and
improves visible contrast

CORONIS UNITI®

Mammography/Radiology

- › One screen for all applications
- › Excellant brightness
- › 10 % higher diagnostic rate with digital scans of
breast tomosynthesis images
- › Up to 30 % higher detection probability
- › Approved for: multimodal breast imaging, incl.
breast tomosynthesis, 3D mammography, breast
MRI, breast ultrasound, CT and ultrasound,
vascular and gynaecological ultrasound



CORONIS FUSION

Radiology

- › Highest calibrated luminance in 6MP-display range
- › IPS-Pro offers wider viewing angle and contrast ratio than other LCD technologies
- › 33 % more working area, for more pictures
- › Uniform colour rendition via the entire screen
- › Increases diagnostic productivity by up to 19 %
- › Less eye strain for long periods of time diagnostic meetings

CORONIS

Mammography/Radiology

- › The brightest 3MP display on the market - exceeds ACR guidelines
- › Excellent local contrast
- › For simple reporting, subtle details are more conspicuous (per pixel uniformity)
- › Real-time intervention-free calibration and QA
- › Factory glass cover reduces reflections (< 0.5 %)
- › Factory equipped with I-Luminate to see subtle image details.



Model view Barco Diagnostic Color Displays



Technical Data	2MP	3MP
Name	Nio Color 2MP MDNC-2221	Nio Color 3MP MDNC-3421
Item No.	2011720	2012126
LCD Panel	TFT AM Color LCD IPS	TFT AM Color LCD IPS
Size diagonal	540 mm (21.3")	540 mm (21.3")
Resolution	1600 x 1200; 4:3	2048 x 1536; 4:3
Pixelpitch	0.27 mm	0.2109 mm
Brightness (DICOM calibrated)	800 cd/m ² typisch (500 cd/m ² kalibriert)	900 cd/m ² typisch (500 cd/m ² kalibriert)
Contrast ratio	1400:1	1400:1
Viewing angle	178°	178°
Power consumption	50 W typisch	50 W typisch
Dimensions w/o foot (WHD)	491x 378x 83 mm	491 x 378 x 84 mm
Weight (w/o stand)	6,3 kg	6,2 kg
Mounting	100 mm VESA	100 mm VESA
Inputs	DVI-D, DP, 1x USB 2.0 upstream; 2x USB 2.0 downstream	DVI-D, DP, 1x USB 2.0 upstream; 3x USB 2.0 downstream
Video output signals	n/a	n/a
Standards	UL 60601-1, CE, RoHS, weitere s. Datenblatt	IEC 60601-1, EN 60601-1-2, weitere s. Datenblatt
Further equipments		
w/PCIe/2 DP/DC (2GB)*	Item No. 2011682	Item No. 2011696
w/2 Displays+*	Item No. 2011721	Item No. 2011728
w/PCIe/2 DP/DC (2GB)/ 2 Displays*	Item No. 2011722	Item No. 2011726
w/PCIe/4 DP/DC (4GB)*	Item No. 2011723	Item No. 2011727
w/PCIe/4 DP/DC (4GB)/ 2 Displays*	Item No. 2011683	Item No. 2011697
wo/ protective glass*	Item No. 2011724	Item No. 2011734
w/2 Displays wo/ protective glass*	Item No. 2011725	Item No. 2011735
w/PCIe/2 DP/DC (2GB)/ TouchPad*	n/a	n/a
w/PCIe/4 DP/DC (4GB)/ TouchPad*	n/a	n/a
wo/ protective glass/ incl. DC (2GB)*	Item No. 2012123	n/a
wo/ protective glass/ incl. DC (2GB)/ w/2 Displays*	Item No. 2012124	n/a



Technical Data	
Name	Coronis Fusion 4MP MDCC-4430
Item No.	2012141
LCD Panel	IPS
Size diagonal	772 mm (30.4")
Resolution	2560 x 1600 (native) 1280 x 1600 (2x 2MP+) 200 x 1600 (2x 2MP)
Pixelpitch	0,256 mm
Brightness (DICOM calibrated)	1050 cd/m ² typical (600 cd/m ² calibrated)
Contrast ratio	2000:1
Viewing angle	178°
Power consumption	75 W at 600 cd/m ²
Dimensions w/o foot (WHD)	714 x 478 x 74 mm
Weight (w/o stand)	13,1 kg
Mounting	100 mm VESA
Inputs	DP (2x), 1x USB 2.0 upstream; 3x USB 2.0 downstream
Video output signals	1x DP (MST)
Standards	EN 60601-1, EN 60601-1-2, further details on datasheet
Further equipments	
w/PCIe/2 DP/DC (2GB)*	Item No. 2012143
w/2 Displays+*	n/a
w/PCIe/2 DP/DC (2GB)/ 2 Displays*	n/a
w/PCIe/4 DP/DC (4GB)*	Item No. 2012145
w/PCIe/4 DP/DC (4GB)/ 2 Displays*	n/a
wo/ protective glass*	n/a
w/2 Displays wo/ protective glass*	n/a
w/PCIe/2 DP/DC (2GB)/ TouchPad*	Item No. 2012144
w/PCIe/4 DP/DC (4GB)/ TouchPad*	Item No. 2012146
wo/ protective glass/ incl. DC (2GB)*	n/a
wo/ protective glass/ incl. DC (2GB)/ w/2 Displays*	n/a

*Explanation: w (with)/wo (without)/DP (DisplayPort)/DC (Display Controller)

Modell-Überblick Barco Diagnose-Farb-Displays



Technical Data	5MP	6MP	12MP
Name	Nio Color 5MP MDNC-6121	Coronis Fusion 6MP MDCC-6530	Coronis Uniti® MDMC-12133
Item No.	2012130	2012147	2011707
LCD Panel	a-si TFT active matrix dual domain IPS	IPS	IPS
Size diagonal	540 mm (21.3")	772 mm (30.4")	853.44 mm (33.6")
Resolution	2100 x 2800; 3:4	3280 x 2048 (nativ) 1640 X 2048 (2x 3MP+) 1536 X 2048 (2x 3MP)	4200 x 2800; 3:2
Pixelpitch	0.1545 mm	0.1995 mm	0,1686 mm
Brightness (DICOM calibrated)	1000 cd/m ² typical (500 cd/m ² calibrated)	1.050 cd/m ² typical (600 cd/m ² calibrated)	2100 cd/m ² typical (1000 cd/m ² calibrated)
Contrast ratio	1400:1	2000:1	1200:1
Viewing angle	178°	178°	178°
Power consumption	60 W typical	80 W at 600 cd/m ²	190 W typical
Dimensions w/o foot (BHT)	378x 491x 84 mm	714 x 478x 74 mm	795x 572x 131 mm
Weight (w/o stand)	6.6 kg	13.1 kg	24 kg
Mounting	100 mm VESA	100 mm VESA	VESA 200 x 100 / VESA 100 x 100
Inputs	DVI-D, DP, 1x USB 2.0 upstream; 3x USB 2.0 downstream	DP (2x); 1x USB 2.0 upstream; 3x USB 2.0 downstream	DP 1.2; 1x USB 2.0 upstream; 3x USB 2.0 downstream
Video output signals	n/a	n/a	1x DP (MST)
Protetion class	IP X0	IP X0	IP X0
Standards	EN 60601-1/-2, CE, further details on datasheet	EN 60601-1/-2, CE, further details on datasheet	EN 60601-1/-2, CE, further details on datasheet
Further equipments			
w/PCIe/4 DP/DC (8GB)*	n/a	n/a	Item No. 2011707
w/PCIe/4 DP/DC (4GB)*	Item No. 2012131	Item No. 2012148	n/a
w/PCIe/4 DP/DC (4GB)/ 2 Displays	Item No. 2011704	n/a	n/a
w/PCIe/4 DP/DC (4GB)/ TouchPad*	n/a	Item No. 2012149	n/a
w/2 Displays*	Item No. 2011703	n/a	n/a

*Explanation: w (with)/wo (without)/DP (DisplayPort)/DC (Display Controller)

Modell-Überblick Barco Diagnose-Graustufen-Displays



Technical Data	5MP	5MP
Name	Nio 5MP MDNG-5221	Coronis 5MP MDCG-5221
Item No. w/2 Displays	2012128	2012129
LCD Panel	a-si TFT active matrix dual domain IPS	a-si TFT active matrix dual domain IPS
Size diagonal	540 mm (21.3")	540 mm (21.3")
Resolution	2560 x 2048; 5:4	2560 x 2048; 5:4
Graphic Cart	MXRT-5600 (4GB)	MXRT-5600 (4GB)
Pixelpitch	0.165 mm	0.1650 mm
Brightness (DICOM calibrated)	1020 cd/m ² typical (500 cd/m ² calibrated)	1020 cd/m ² typical (600 cd/m ² calibrated)
Contrast ratio	1200:1	1200:1
Viewing angle	176°	170°
Power consumption	43 W typical	46 W typical
Dimensions w/o foot (BHT)	407x 494x 84 mm	407x 493.5x 84 mm
Weight (w/o stand)	8.25 kg	8.9 kg
Mounting	100 mm VESA	100 mm VESA
Inputs	DVI-D, DP, 1x USB 2.0 upstream; 3x USB 2.0 downstream	DVI-D, DP, 1x USB 2.0 upstream; 3x USB 2.0 downstream
Protetion class	IP X0	IP X0
Standards	EN 60601-1/-2, CE, weitere s. Datenblatt	EN 60601-1/-2, CE, weitere s. Datenblatt
Further equipments		
wo/DC (4GB)*	Item No. 2012127	n/a
2 Displays*	Item No. 2011744	Item No. 2011747
w/PCIe/4 DP/DC (4GB)/ 2 Displays*	Item No. 2011745	n/a
w/PCIe/4 DP/DC (8GB)/ 2 Displays*	n/a	Item No. 2011751
w/PCIe/2 DP/DC (2GB)/ 2 Displays*	n/a	Item No. 2011749

*Explanation: w (with)/wo (without)/DP (DisplayPort)/DC (Display Controller)

Barco Clinical Displays

Technology makes the difference.

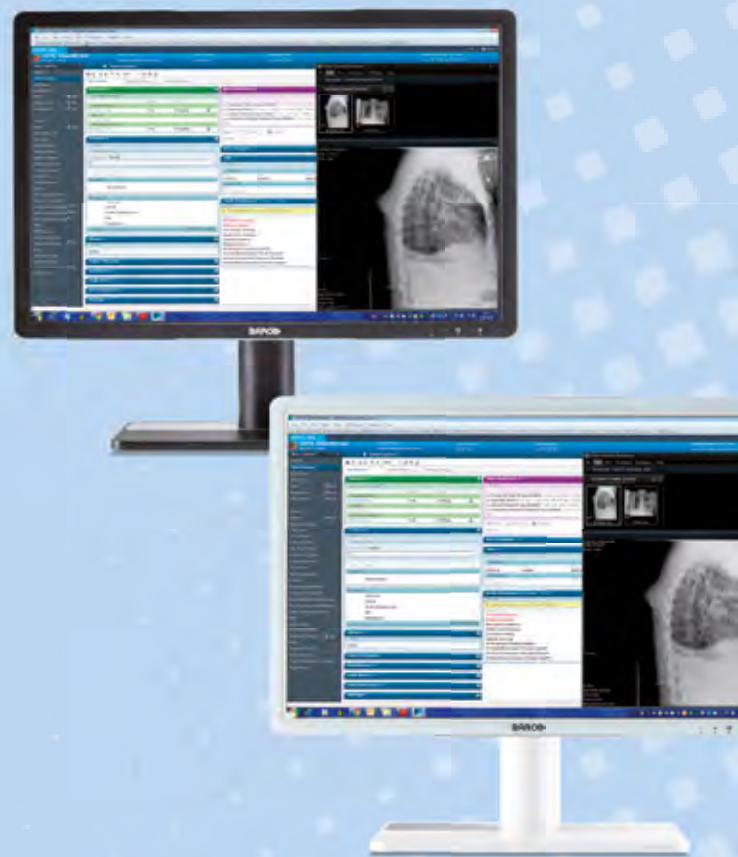
Designed specifically for use in medical and dental practices, Eonis clinical displays deliver sharp, bright images with high contrast and a wide viewing angle. The display's unique durability sensor automatically adjusts the image quality every time when the display is turned on. The Image stability makes the collaboration between individual departments much easier. You can discuss the images with colleagues at different locations and be absolutely sure that each colleague sees the identical images.

Ideal for:

- Surgery/intensive care * * *
- Minimally invasive surgery * * *
- Diagnostics * * *
- Viewing * * *
- Patient's environment * * *

Benefits:

- › Developed and approved for hospital and dental environments
- › Ambient Light Pre-Sets for dark rooms, offices and operating theatres
- › Front panel durability sensor for uniform images
- › Resistant to cleaning – better infection control (70 % alcohol-based cleaning agents)
- › Efficient and intelligent IT workflow
- › Low operating costs – without capital commitment





EONIS

EMR

Eonis displays feature **Barco's MediCal QAWeb Suite**. The online platform performs automated quality assurance checks, provides detailed reports, and simplifies centralized management and configuration of displays at all hospital sites. Ideally suited to the

needs of the **patient environment**, Barco's Eonis can be fully cleaned with 70 % alcohol-based detergents – a first on the market. In addition, the VESA mount allows the displays to be used on support arms, walls and carts, for example.

Model view Barco Clinical Displays



Technical Data	1MP	2MP	2MP
Name	Eonis 19" MDRC-1219	Eonis 21" MDRC-2321	Eonis 22" Touch MDRC-2222 TS
Item No.	2011673	2012100	2011676
LCD Panel	IPS-TFT Color LCD	TFT Color LCD	TFT Color LCD IPS
Size diagonal	482 mm (19")	541 mm (21.3")	546 mm (21.5")
Resolution	1280 x 1024	1600 x 1200	1920 x 1080; 16:9
Pixelpitch	0,294 mm	0,270 mm	0,248 mm
Brightness (DICOM calibrated)	330 cd/m ² typical (250 cd/m ² calibrated)	440 cd/m ² HighBright (250 cd/m ² Standard)	300 cd/m ² typical (180 cd/m ² calibrated)
Contrast ratio	1000:1	1800:1	1000:1
Viewing angle	178°	178°	178°
Response time	30 ms	8 ms	7,5 ms
Screen protection	n/a	n/a	n/a
Power consumption	22 W typical < 0,5 W (standby)	25 W typical	20 W typical < 0,5 W (Standby)
Dimensions w/o foot (WHD)	411 x 348 x 67 mm	375 x 477 x 70,4 mm	514 x 315 x 67 mm
Weight (w/o stand)	3,1 kg	3,6 kg- 4,6 kg (depending on configuration)	3,3 kg
Mounting	VESA (100 mm)	VESA (100 mm)	VESA (100 mm)
Inputs	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream
Optional	<ul style="list-style-type: none"> • MXRT Graphic Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty 	n/a	<ul style="list-style-type: none"> • MXRT Graphik Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty
Protetion class	IP 20	IP X0	IP20
Standards	EN 60601-1, IEC 60601-1-2, CE, FCC Klasse B further details on datasheet	EN 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet	EN 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet
Further equipments			
With Touch	Item No. 2011674	n/a	Included
SNIB*	n/a	Item No. 2012100	on request
STIB*	n/a	Item No. 2012150	n/a
HNIB*	n/a	Item No. 2012151	n/a
HTIB*	n/a	Item No. 2012152	n/a

*Explanation: S (Standard Display)/ H (HighBright)/ N (none Touch)/ T (Touch)/ I (internal power supply)/ B (black)



Technical Data	2MP	2MP	2MP
Name	Eonis 22" black MDRC-2222 BL	Eonis 22" white MDRC-2222 WP	Eonis 24" white MDRC-2324 HPEW
Item No.	2011675	2011677	2012073
LCD Panel	TFT Color LCD IPS	TFT Color LCD IPS	Color LED LCD
Size diagonal	546 mm (21.5")	546 mm (21.5")	611.3 mm (24.1")
Resolution	1920 x 1080	1920 x 1080	1920 x 1200
Pixelpitch	0,248 mm	0,248 mm	0,270 mm
Brightness (DICOM calibrated)	300 cd/m ² typical (180 cd/m ² calibrated)	300 cd/m ² typical (180 cd/m ² calibrated)	600 cd/m ² (option Hxxx) 430 cd/m ² (option Sxxx)
Contrast ratio	1000:1	1000:1	1000:1
Viewing angle	178°	178°	178°
Response time	7,5 ms	7,5 ms	7 ms
Screen protection	n/a	Included, non-reflective glass cover	HPEW: Glass not reflective STIB/HTIB/HTEW: PCAP Touchscreen SNIB/HNIB/HNEW: no protection
Power consumption	20 W typical < 0,5 W (Standby)	20 W typical < 0,5 W (Standby)	20 W typical 25W High Bright < 0.5 W (Standby)
Dimensions w/o foot (WHD)	514 x 315 x 67 mm	514 x 315 x 67 mm	568 x 383 x 67,3 mm
Weight (w/o stand)	3,3 kg	4,1 kg	6,8 kg- 7,8 kg (Depending on configuration)
Mounting	VESA (100 mm)	VESA (100 mm)	VESA (100 mm)
Inputs	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	DisplayPort, DVI-I; 1x USB 2.0 upstream; 2x USB 2.0 downstream
Optional	<ul style="list-style-type: none"> • MXRT Graphik Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty 	<ul style="list-style-type: none"> • MXRT Graphik Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty 	/
Protetion class	IP20	IP 20	IP X0
Standards	IEC 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet	IEC 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet	IEC 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet
Further equipments			
STIB	n/a	n/a	Item No. 2012155
HNIB	n/a	n/a	Item No. 2012156
HTEW	n/a	n/a	Item No. 2012159
SNIB	n/a	n/a	Item No. 2012115
HTIB	n/a	n/a	Item No. 2012157
HNEW	n/a	n/a	Item No. 2012158

*Explanation: **S** (Standard Display)/ **H** (HighBright)/ **N** (none Touch)/ **T** (Touch)/ **I** (internal power supply)/ **E** (external power supply)/ **B** (black)/ **W** (white)

Barco surgical displays

Surgical precision for your operating theatre.

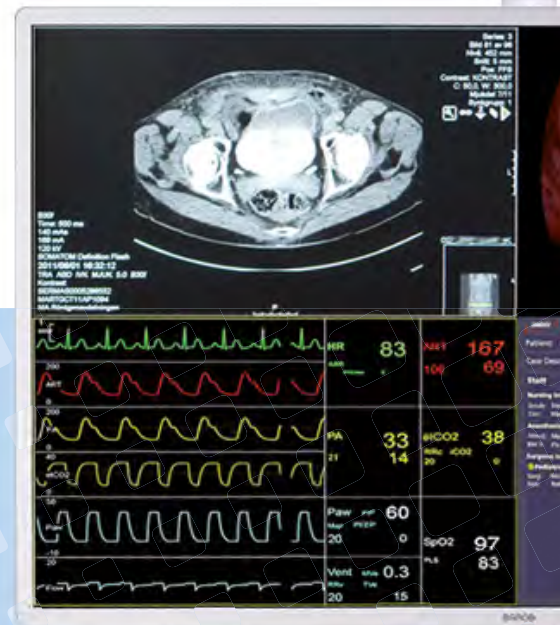
The complexity of general and minimally invasive surgery places high demands on technology and medical staff. Surgeal teams increasingly rely on modern imaging technologies that delivers real-time views of the patient's anatomy as well as quick access to archive radiological images. With the MDSC family, Barco provides exceptional image quality, stability and reliability in the operating theater. The surgical displays from 21.5" to 58" and in resolutions from Full-HD to 4K DCI and 4K UHD offer versatile visualization solutions for endoscopic cameras, room cameras, ultrasound, PACS images, patient information software, etc.

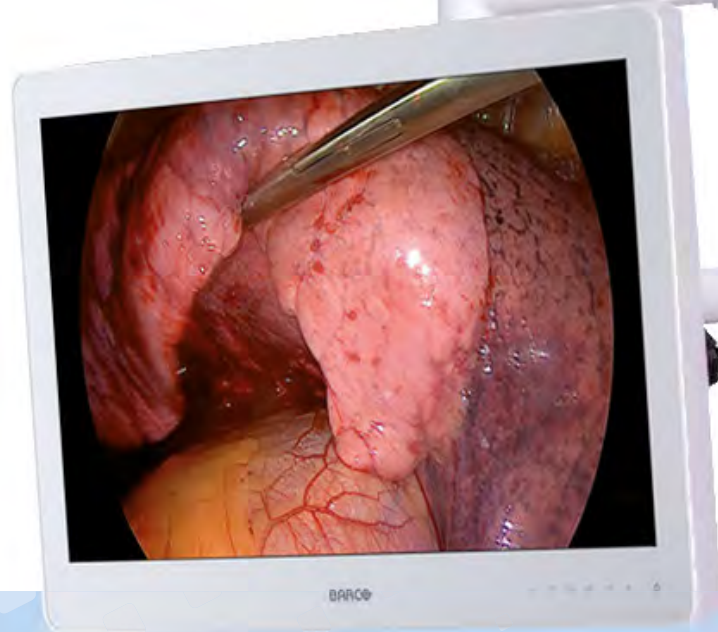
Ideal for:

- Operating theatres ***
- Minimally invasive surgery ***
- Viewing ***
- Patient environment ***
- 4K Cameras ***

Benefits:

- › Extremely wide color gamut and resolutions up to 4K enable even more realistic images and excellent depth of detail
- › Nearly zero latency – provides best hand-eye coordination
- › Improves visualization in high ambient light environments
- › Backlight output stabilization guarantees image stability and brightness over the entire product lifetime
- › Smart cable management system





MDSC

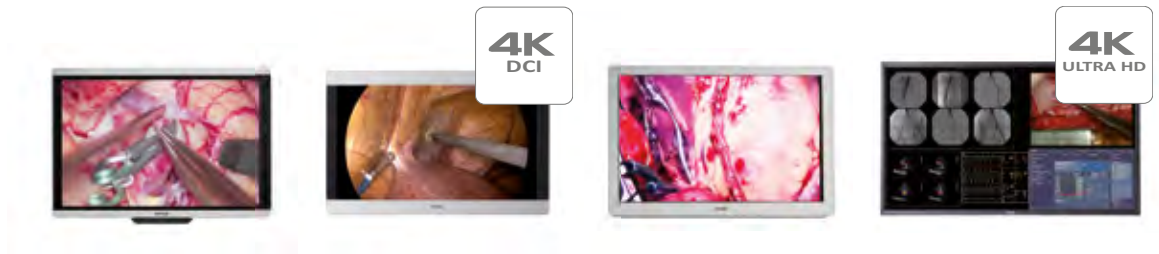
For use in the OR

In today's operating theatres, surgical teams are faced with a growing need for imaging solutions that centralize all critical information on one screen and make it visible for everyone in the room. Barco's MDSC displays respond to this demand by providing large-screen, high-resolution flat panel technology for the surgical suite. The surgical displays in the MDSC family provide nurses, surgeons and anaesthetists with smooth, artifact-free images that allow better, more informed decisions and efficient procedures.

Model view Barco Surgical Displays



Technical Data	Endoscopy displays				
Name	AMM 215WTD	MDSC-2324	AMM240ED	MDSC-2326	MDSC-2326 High Bright
Item No. LED	2011685	2011686	2012160	2011710	n/a
LCD Panel	TFT AM LCD / LED Backlight	TFT AM LCD / S-IPS Technology / LED Backlight	TFT AM LCD / LED Backlight	TFT AM LCD / IPS-PRO / LED Backlight	TFT AM LCD / IPS-PRO / LED Backlight
Size diagonal	545.2 mm (21.46")	611.3 mm (24")	611.3 mm (24.07")	661 mm (26")	661 mm (26")
Resolution	1920 x 1080 Full HD	1920 x 1200 WUXGA	1920 x 1200	1920 x 1080 Full HD	1920 x 1080 Full HD
Brightness	250 cd/m ²	400 cd/m ²	300 cd/m ²	450 cd/m ²	900 cd/m ²
Contrast	1000:1	1500:1	1000:1	1400:1	1400:1
Screen protection	Double sided anti-reflective PMMA protective cover	Double sided anti-reflective PMMA protective cover	Anti-reflective PMMA	Double sided scratch-resistant AR-glass (alkali aluminosilicate glass)	Double sided scratch-resistant AR-glass (alkali aluminosilicate glass)
Dimensions w/o foot (WHD)	523 x 321 x 110 mm	595 x 414 x 84 mm	570 x 386.9 x 63.2 mm	640 x 419 x 87 mm	640 x 419 x 87 mm
Weight (w/o stand)	5.46 kg	≥ 7,9 kg (depending on configuration)	7.35 Kg	≥ 9.4 kg (depending on configuration)	≥ 12.5 kg (depending on configuration)
Inputs	2xDVI-I, VGA, RGBS / YPbPr, S-video, Composite video, 3G-SDI	DVI-I Single-Link (Digital & Analog / HDMI Support with HDCP), Component Video RGBS /YPbPr (4xBNC) / S-video/ Composite video / 3GSDI/ DisplayPort v 1.1a Optional: integrated Nexxis network adapter	1xDVI-I, 1x HD15, 1x Y/C, 1x 3G-SDI, 1x RGBS / YPbPr,	DVI-I (digital and analog – HDMI-support), 3G-SDI, DisplayPort 1.1a, Component-Video RGBS / YPbPr, S-Video, Composite Video / SOG (1xBNC), additionally for DDI: DVI-D, 2x 3G-SDI	DVI-I (HDMI Support), DVI-D, 2x 3G-SDI, RGBS / YPbPr, Svideo, Composite video, DisplayPort 1.1a Optional: integrated Nexxis MNA-120 Decoder
Outputs	SDI / S-video / Composite Video, RGBS / YPbPr	DVI-D / S-video / Composite video / 3G-SDI	1x DVI-I, 1x 3G-SDI	DVI-D, S-Video, Composite-Video, 3G-SDI / additionally for DDI: 2 x 3G-SDI	DVI-D / 2x 3G-SDI / S-video / Composite
Protection class	IP21 (IPx5 Front)	IP21 (IP45 Front)	IP22	IP21 (IPx45 Front)	IP21 (IPx5 Front)
Standards	CE, EN 60601-1, EN 60601-1-2 further details on datasheet	CE, EN 60601-1, EN 60601-1-2 further details on datasheet	CE, IEC 60601-1, further details on datasheet	CE, IEC 60601-1, IEC 60601-1-2 further details on datasheet	CE, IEC 60601-1, IEC 60601-1-2 further details on datasheet
Further equipments					
DDI (2nd DVI & 3G-SDI)	n/a	Item No. 2011709	n/a	Item No. 2011711	n/a
DDIH (High Bright, 2nd DVI & 3G-SDI & RS232)	n/a	n/a	n/a	n/a	Item No. 2011688



Technical Data	Endoscopy displays			Large Screen Display
Name	MDSC-8427 LED	MDSC-8231	MDSC-2232	MDSC-8255
Item No. LED	2011896	2011690	n/a	2011692
LCD Panel	TFT AM LCD / IPS-PRO-Technology / LED-Backlight	TFT AM LCD / IPS-PRO Technology / LED Backlight	TFT AM LCD / S-IPS Technology / LED Backlight	TFT AM LCD / IPS Technology / LED Backlight
Size diagonal	685 mm (27")	789 mm (31")	801 mm (31.55")	1388 mm (54.6")
Resolution	3.840 x 2.160 UHD	4096 x 2160 4K DCI	1920 x 1080 Full HD	3840 x 2160 UHD
Brightness	750 cd/m ² (typ.)	550 cd/m ²	450 cd/m ²	500 cd/m ²
Contrast	1400:1 (typ.)	1400:1	1300:1	1000:1
Screen protection	Double sided scratch-resistant AR-glass with Anti-Fingerprint	scratch-resistant , Anti-reflective on 2 sides, Alkali aluminosilicate, glass cover	Double-sided anti-reflective, tempered glass protective cover	scratch-resistant , 2-sided anti-reflective glass cover
Dimensions w/o foot (WHD)	657 x 418 x 75 mm	777 x 472 x 93 mm	777 x 472 x 92 mm	1260 x 734 x 87 mm
Weight (w/o stand)	9,1 Kg	≥ 12.1 kg (depending on configuration)	≥ 12.9 kg (depending on configuration)	≥ 33.0 kg (depending on configuration)
Inputs	4K-UHD-Input : 1x DP 1.1 bis zu 3840 x 2160 @ 30 Hz 2x DP 1.1 up to 2.048 x 2.160 @50 Hz/60 Hz 1x DP 1,2 MST up to 3.840 x 2.160 @50 Hz/60 Hz 2x HDMI 2.0 up to 3.840 x 2.160 @50 Hz/60 Hz FHD-Output (scaled to UHD): 1x DVI, 1x 3G-SDI	2x DP 1.1, 1x DP 1.2 MST, 1x DVI, 1x 3G-SDI Optional: integrated Nexxis MNA-240 network-adapter	DVI-I (2x- HDMI Support), RGBS / YPbPr, S-video, Composite video, 3G-SDI (2x), DisplayPort (1.1a) Optional: integrated Nexxis MNA-120 network-adapter	2x DP 1.1, 1x DP 1.2 MST, 1x DVI, 1x 3G-SDI Optional: 2x FO SFP+ Module for 4K-UHD Nexxis link
Outputs	1x 3G-SDI (3G-SDI-Input with signal loop-through) 1x DVI (4K-Display-Screen clone- scaled down to FHD)	DVI (UHD downscaled) 3G-SDI (input loophrough)	DVI / SDI / S-video / Composite	DVI (UHD downscaled) 3G-SDI (input loophrough)
Protetion class	IP21 (IP45 Front)	IP20 (IP45 Front)	IP21 (IP45 Front)	IP20 (IP45 Front)
Standards	CE, IEC 60601-1, IEC 60601-1-2 further details on datasheet	CE, IEC 60601-1, IEC 60601-1-2 further details on datasheet	CE, IEC 60601-1, EN 60601-1-2, RoHS further details on datasheet	CE, EN 60601-1, EN 60601-1-2 further details on datasheet
Further equipments				
DDI (2nd DVI& 3G-SDI)	n/a	n/a	Item No. 2011689	n/a

Barco Smart-Displays

Intuitive working with touch.

A range of displays that offers an intuitive, ergonomic touch experience. They can be used for various applications, including the digital operating room and medical carts. Wherever clinicians need access to detailed informations, at the touch of a fingertip.

Ideal for:

- | | |
|---------------------|-----|
| OR / Intensive care | *** |
| Controlling | *** |
| User interface | *** |
| Viewing | *** |
| Patient environment | *** |

Benefits:

- › Multi- and single-touch functionality for fast operation
- › Ergonomic interaction, can also be operated with gloves
- › Suitable for use in demanding environments
- › Special design for easy cleaning and infection control
- › Easy to install, whether on carts, swivel arms or support arms





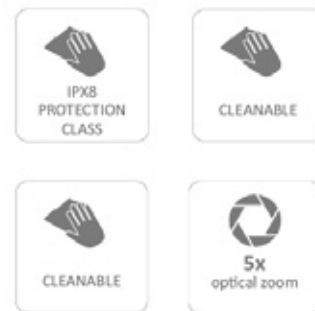
Technical Data	5:4	16:9	16:9	16:9
Name	Eonis MDRC-1219 TS	Eonis 22" Touch MDRC-2222 TS	AMM 215WTTP	MUIP-2112
Item No. LED	2011673	2011676	2011738	2011739
Description	Touch Display for specialists and dentists	Touch Display for specialists and dentists	Touch Display for specialists and dentists	12.5" Tablet for specialists 4 GB RAM; 32 GB SSD; 1,83 GHz; Intel Atom N2930 Quad Core
Application	Clinical environments	Clinical environments	Surgery	Mobile Applications
LCD Panel	IPS-TFT Color LCD	TFT Color LCD IPS	TFT AM LCD / LED Backlight	n/a
Size diagonal	482 mm (19")	546 mm (21.5")	545.2 mm (21.46")	317.5 mm (12.5 Zoll)
Resolution	1280 x 1024	1920 x 1080; 16:9	1920 x 1080; 16:9	1.920 x 1.080
Pixelpitch	0,294 mm	0,248 mm	0.248 mm	n/a
Brightness (DICOM calibrated)	330 cd/m ² typical (250 cd/m ² calibrated)	300 cd/m ² typical (180 cd/m ² calibrated)	250 cd/m ² typical	400 cd/m ² typical
Contrast ratio	1000:1	1000:1	1000:1	1.000:1
Viewing angle	178°	178°	178°	± 80 °
Touch technology	Projected, capacitive touch technology (PCT)	glare-free, capacitive protection touchscreen	Projected, capacitive touch technology (PCT) 10 finger	Capacitive touch technology; 10 fingers operable with gloves
Screen protection	n/a	non-reflecting glass cover	n/a	Anti Glare (Gloss 50)
Power consumption	22 W typical < 0,5 W (standby)	20 W typical < 0,5 W (standby)	27 W typical < 1 W (standby)	< 10 W typical < 1 W (standby)
Dimensions (WHD)*	411 x 348 x 67 mm	514 x 315 x 67 mm	518 x 314 x 46 mm	312 x 200 x 37 mm
Weight *	3,1 kg	3,3 kg	7 kg	1,4 kg
Mounting	VESA (100 mm)	VESA (100 mm)	VESA (100 mm)	n/a
Inputs	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	DisplayPort; DVI; 1x USB 2.0 upstream; 2x USB 2.0 downstream	1xDVI-D, 1xVGA (D-Sub 15pin)	1x USB 3.0; 1x USB 2.0; 1x Mini DP, Mic. IN; 1x AUDIO OUT; 2x RJ-45
Optional	<ul style="list-style-type: none"> • MXRT Graphic Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty 	<ul style="list-style-type: none"> • MXRT Graphic Controller • Intuitive Workflow toolset • MediCal QAWeb Premium • Core+ Warranty 	n/a	<ul style="list-style-type: none"> • Dectop stand • Country-specific power cords
Protetion class	IP20	IP20	IPX1	Front:IP54/Rear: IP21
Standards	EN 60601-1, IEC 60601-1-2, CE, FCC Klasse B further details on datasheet	EN 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet	EN 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet	EN 60601-1, EN 60601-1-2, CE, RoHS further details on datasheet

*Without stand

Ricoh G800SE Wound documentation

Wireless, GPS, barcodecapable digital camera.

With the Ricoh G800SE digital camera, clinics can improve the efficiency and quality of the documentation process. By using a barcode reader, the patient’s case number can be read in via barcode and stored in the photo’s metadata prior. This enables an uncomplicated and exact allocation of the photos. An innovative laser technology enable a reliably read in and scan of the patient case number, even in poor lighting conditions. The lens with 5x optical zoom and wide field of view is perfect for the indoor useage. After a visit or surgery, the images can be transferred to the hospital’s document management system via WLAN, Bluetooth or USB cable. Another advantage: The Ricoh camera is IPX8 waterproof to a depth of 5m for round about 2 hours. Cleaning with ethanol or sodium hypochlorite is also possible.



Ideal for:

- OP / Intensive care ***
- Wound documentation ***
- Patient environment ***

Benefits:

- › Increased **efficiency** and **quality** in photo documentation
- › Transfer photos via **WLAN, Bluetooth** or USB cable
- › Easy to use, **rugged** digital camera
- › Disinfection of the camera with ethanol or sodium hypochlorite possible
- › **Waterproof IP68** (camera incl. barcode IP64)
- › **Barcode function** - case assignment possible



Barcodereader for scanning patient case number

Technical Data	Ricoh G800SE
No. of effective pixels (camera)	Approx. 16.00 million effective pixels
Lens	<p>Focal Length: 5.0 mm to 25 mm (equivalent to 28 mm to 140 mm on a 35-mm camera)</p> <p>F-aperture: F3.5 to F5.5</p> <p>Shooting Distance normal shooting: Approx. 30 cm to ∞ (Wide-angle) or 50 cm to ∞ (Telephoto) (from the front of the lens) Shooting Distance Macro shooting: Approx. 1 cm to ∞ (Wide-angle), 15 cm to ∞ (Telephoto) or 1 cm to ∞ (Zoom macro mode) (from the front of the lens)</p> <p>Lens Construction: 11 elements in 9 groups plus 1 prism</p>
Zoom Magnification	Optical zoom at 5.0 ×, Digital zoom at 4.0 ×, Auto resize zoom at approx. 7.2 × (VGA image)
Focus Modes	Multi AF (using contrast AF)/Spot AF (using contrast AF)/MF/Snap/∞ (with AF Auxiliary Light)
Blur Reduction	Digital image stabilizer
Shutter Speed	<p>Still Image: 8, 4, 2, 1 to 1/1500 seconds (The upper and lower limits differ for each shooting mode and flash mode.)</p> <p>Movie: 1/30 to 1/10000 seconds</p>
White Balance Mode	Auto/Outdoors/Cloudy/Incandescent 1/Incandescent 2/Fluorescent/Manual/ Ring Light, White balance bracket function
Picture Display	3.0" Transmissive LCD, approx. 920,000 dots
Number of recorded Pixels	<p>Still Image: 4608×3456 4608×3072 3456×3456 3648×2736 2592×1944 2048×1536 1600×1200 1280×960 640×480</p> <p>Movie: 1920×1080 1280×720 640×480</p> <p>Text: 4608×3456 2048×1536</p>
Recording Media	SD, SDHC, and SDXC memory cards (256 GB max.); Eye Fi cards (X2 series); internal memory (approx. 6.5 GB)
Recording File Format	<p>Still Image: JPEG(Exif ver2.3)</p> <p>Movie: MOV (Images: MPEG-4 AVC/H.264; Audio: Linear PCM)</p> <p>Compression Format: JPEG Baseline Format Compliant (photographs); Baseline Profile Level 4.1 Compliant (movies)</p>
Interface	USB2.0 (High-Speed USB) Micro-B, Mass storage-compatible, HDMI Micro connector (type D)
Barcode Reader	<p>Type: BR-1 barcode</p> <p>Supported barcodes linear: Chinese 2 of 5, Codabar, Code 11, Code 32 (Italian Pharma Code), Code 39, Code 39 Full ASCII, Code 93, Code 128, EAN-8, EAN-13, UCC/EAN128, MSI, Interleaved 2 von 5, Discrete 2 vpn 5, UPC-A, UPC-E, JAN/UPC/EAN, JAN/UPC/EAN with Supplementals</p>
Power Supply	Rechargeable Battery (DB-65): 3.6 V or/and AAA alkaline batteries (x2)
Battery life (based on CIPA standard)*1	<p>DB-65: approx. 400 shots</p> <p>AAA alkaline: 40 shots (manufacturer dependent)</p> <p>(When [LCD Auto Dim] is set to [On])</p>
Size	118.8× 71.0× 41.0 mm (excluding projections; measured according to CIPA guidelines)
Weight	<p>Approx 318 g (including memory card and supplied battery)</p> <p>Approx 290 g (camera only)</p>
Protection class	IP68 incl. barcode scanner IP64
Optional	GPS unit, Barcode reader unit, Wide Conversion Lens, Rechargeable Battery, Battery Charger, Soft Case, HDMI® Cable, SD Karte (1GB, 2GB, 4GB, 8GB, 16GB, 32GB)
Item No.	2011934

*1 The number of remaining shots is based on the CIPA standard and may vary depending on usage conditions. This is for reference only.

Software for wound documentation

DEKOM MEDICAL

WOUNDCAM-HL7

Camera Software License



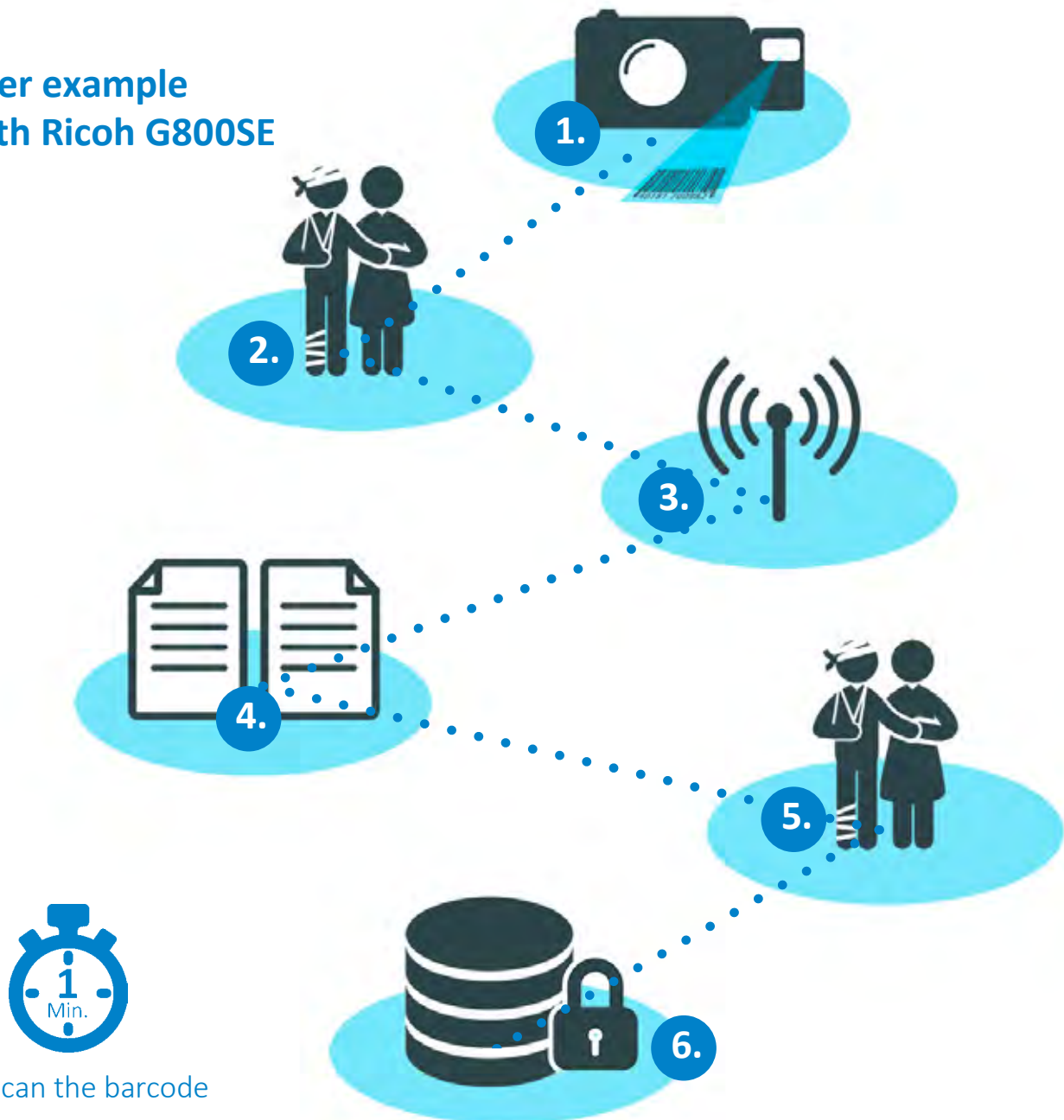
Software for digital wound documentation

The Woundcam HL7 camera software from DEKOM Medical links the wound images with the patient information and stores them in the patient file of the practice or hospital system. Barcode recognition enables automated patient allocation. Concretely this looks as follows: The images are transferred to the client. These contain the respective case number from the barcode as identification. The own database, filled with HL7-ADT messages, is searched for the appropriate case number and the corresponding master data is transferred. The images are processed into a DICOM data record and supplemented with the patient's master data. These are then sent to the PACS via the C-Store. The image data does not have to be transferred after each examination. Wound images of several patients can also be photographed one after the other and only transferred at the end of the day. Each examination is announced via HL7-ORM message before being sent to the PACS.

Benefits

- › Efficient and fast wound documentation through automatic wound image mapping to patient data
- › Budget saving
- › Secure through certificate-based encryption
- › With HL7 and DICOM connection
- › Manufacturer-neutral - every camera make can be used

User example with Ricoh G800SE



1. Scan the barcode
2. Take fotos
3. Connecting the Camera to a Client/Patient
(via USB, WLAN or bluetooth)
4. Checking and transferring data
5. Disconnecting the Camera from the Client/Patient
6. Documentation completed

ELECTRICAL SAFETY

Devices and components for the safety of medical electrical devices within the patient environment according to DIN EN60601-1.





Image: freepik

Electrical safety



ISOLATORS

Galvanic isolation of medical electrical devices

Isolators for the medical sector to protect the patient from leakage currents that may occur when an active medical device is connected to a non-medical device such as an office PC or laptop.

- [Network isolators](#)
- [HDMI/ DP Isolators](#)
- [RS232 Isolators](#)
- [USB Isolators](#)
- [Video Isolators](#)

POWER STRIP/PE

For medical purposes

Medical power strips and components for additional equipotential bonding. For reliable compensation of voltage differences.

- [Power strips](#)
- [PE socket](#)
- [PE mounting box](#)
- [PE connector](#)
- [PE stranded](#)
- [PE panel connector](#)



ISOLATION TRANSFORMERS

For clinics and medical practices

Medical isolation transformers which comply with EN 60601-1. Including electronic inrush current limitation, compensation of half-wave failures, shock-free restart after power failure and self-resetting temperature switch in case of overheating.

[Euro-Series for 230 V~](#)

[International for 115 V~ - 230 V~](#)

POWER SUPPLIES / CABLE

Patient environment

Cables and connections for the safe power connection of medical electrical devices. Power supply units that may be used in the medical sector and meet the requirements of EN 60601-1.

[Cabel](#)

[Power supplys](#)

Network isolators MED MI 1005



Technical Data	Flexible	Build In Isolator
Name	Network Isolator MED MI 1005	MI 1005 E Medical Build In Isolator
Color case	light grey	without housing
Dimensions (DWH)	65x29x23 mm	51x23,4x18.2 mm
Weight approx	50 g	20 g
Operating mode	continuous operation	continuous operation
Dielectric strength	5000 V 50/60 Hz for 1 Min.	
Signal and shielding	10000 V 50/60 Hz for 10 s.	
Data throughput	10/100/1000 MBit/s	
Ports	2x RJ45 IN/OUT	
ESD	16 kV	
DC Stress Test (10 Sec)	10 kV	
Network Specifications	IEEE 803.2 ab 10/100/1000-BaseT; Twisted-Pair; auto-conf (behaves completely transparent in the network)	
Material	UL94V-0 / RoHS conform / REACH	
Produkt Rating (UL)	passive, electronic components, insulation DI (250 V AC / 300 V DC) tested at 5 kV AC	
Operating time between failures	0,21 x 10 ^ 8 (1 failures in 21 000 000 h)	
Return loss	min. 10 dB	
Insertion loss	max. 1,1 dB	
Standards	IEC 60601-1 (3rd Edition); IEC 60601-1-2; UL 60601 (UL Listed E342310); IEEE 802.3	
Temperature	-10 °C up to +85 °C (operation/ storage/ transport)	
Relative air humidity	10 % up to 90 % (non-condensing (operation/ storage/ transport)	
Air pressure	700 hPa up to 1060 hPa (operation/ storage/ transport)	
Warranty	5 years	
Scope of delivery	Network Isolator MED MI 1005	MI 1005 E Medical Build In Isolator
Item No.	2005674	2006633



Technical Data	Wall mounting	Complete set
Name	Netzwerk Isolator MED MI 1005 MB	Network Isolator MED MI 1005 Retail
Color case	creamy	light grey
Dimensions (DWH)	81x81x57 mm	65x29x23 mm
Weight approx	106 g	50 g
Operating mode	continuous operation	continuous operation
Dielectric strength Signal and shielding	5000 V 50/60 Hz for 1 Min. 10000 V 50/60 Hz for 10 s.	
Data throughput	10/100/1000 MBit/s	
Ports	2x RJ45 IN/OUT	
ESD	16 kV	
DC Stress Test (10 Sec)	10 kV	
Network Specifications	IEEE 803.2 ab 10/100/1000-BaseT; Twisted-Pair; auto-conf (behaves completely transparent in the network)	
Material	UL94V-0 / RoHS conform / REACH	
Produkt Rating (UL)	passive, electronic components, insulation DI (250 V AC / 300 V DC) tested at 5 kV AC	
Operating time between failures	0,21 x 10 ^ 8 (1 failures in 21 000 000 h)	
Return loss	min. 10 dB	
Insertion loss	max. 1,1 dB	
Standards	IEC 60601-1 (3rd Edition); IEC 60601-1-2; UL 60601 (UL Listed E342310); IEEE 802.3	
Temperature	-10 °C up to +85 °C (operation/ storage/ transport)	
Relative air humidity	10 % up to 90 % (non-condensing (operation/ storage/ transport)	
Air pressure	700 hPa up to 1060 hPa (operation/ storage/ transport)	
Warranty	5 years	
Scope of delivery	1x mounting plate; 1x cover; 1x frame; 1x MI 1005 E Medical Built In Isolator; 1x retaining plate; 1x Harting PushPull; 2x screws; 2x nut; 1x assembly instructions; 1x manual	Network Isolator MED MI 1005 , Patch Cable 25 cm, Manual, Package and serial number
Item No.	2007704	2006484

Network isolator MED MI 1005

The flexible and easy option for immediate isolation of medical devices

The 5 kV RJ-45 network isolator MED MI 1005 is used for galvanic isolation of an Ethernet data cable. The network connection between an active medical device and an Ethernet network or a non-medical device, such as an office PC, printer or laptop, is safely galvanically isolated in accordance with the IEC EN 60601-1 standard for medical electrical devices and systems. The MI 1005 offers an outstanding performance of only 1 dB attenuation and operates with almost no loss in the data network over a distance of 100 m. Connected devices are reliably protected against external voltages and overvoltages. Users and inventory are protected in less than 5 seconds from dangerous leakage currents that can flow over the data network.

In accordance with the requirements of IEC 60601-1 (3rd edition), the MED MI 1005 network isolator has two means of protection (2 MOPP) for the patient and is ideally suited for standard-compliant galvanic isolation of Ethernet-based signal interfaces within the patient environment.

Benefits:

- › Easy to handle, no installation required
- › Compact, universal range of applications
- › In less than 5 seconds, patients, users and equipment are protected from dangerous leakage currents
- › No fixed cables. No need to replace the entire isolator in the event of a faulty network cable
- › Lightweight, durable housing. Can be connected to any system with a network connection
- › Inexpensive and efficient operation. No dedicated power supply required



Accessories

MED MI 1005 bracket incl. rail mount adapter

For mounting the MED MI 1005 on any flat surface or on a 35 mm DIN rail according to DIN EN 50022. The snap lock automatically positions the MI 1005 in the optimum holding position and prevents accidental slipping or loosening of the MED MI 1005. The holder is designed in such a way that it can also be mounted on unearthed metallic surfaces. The protective effect of the network insulator is not impaired by the bracket, as the insulation distance required for 2 MOPP to the mounting surface remains intact.

2 IN 1
RAIL MOUNT
ADAPTER/
WALL-
MOUNTING



MI 1005 bracket incl. rail mount adapter Item No. 2010656



CAT6 patch cable 0.25 m grey PIMF, RoHS

Category 6 S / FTP patch cable ▶ twisted foil-shielded with braided shield (UTP) ▶ halogen-free jacket ▶ shielded, molded RJ45 connector ▶ colored, molded kink protection grommet ▶ length on sleeve ▶ protection of the snap-in nose sleeve ▶ EIA / TIA B.2-1, EN ▶ 50173 ISO / IEC 11801 Class E

0.25 m	Item No. 2005670
0.50 m	Item No.2006294
2.00 m	Item No. 2006296
5.00 m	Item No. 2006298



Network isolator MED MI 1005

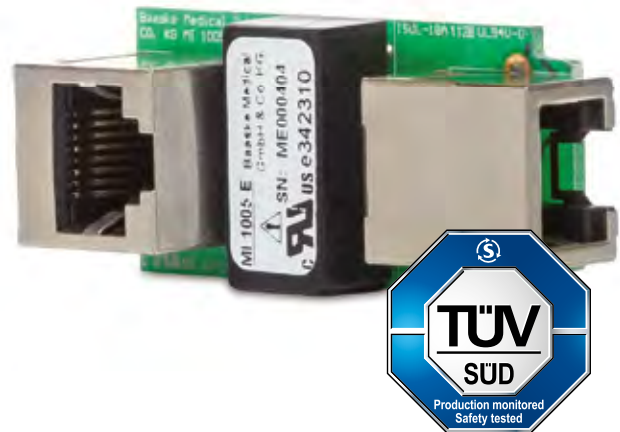
Built-in isolator for galvanic network isolation of electrical medical devices

In addition to network isolators with fixed cables, the MI 1005 E offers a simple and cost-effective way to isolate medical devices, starting at the wall of the housing. This makes the isolator particularly well-suited for medical device manufacturers. Using standard Harting PushPull technology, the MI 1005 E Medical Built In insulator can be installed quickly and easily into existing devices. Long-term availability also offers planning certainty necessary for new product development.

Benefits:

- › Ideal for medical device makers
- › Isolation starting at the wall of the device housing
- › Easy installation due to standardized Harting PushPull technology
- › Allows for planning reliability and long-term availability
- › Small and lightweight at just 20 g (approx.)
- › No fixed cables, easy to replace
- › Harting PushPull technology, up to IP68
- › Inexpensive, efficient operation, no dedicated power supply required

Easy installation using standardized Harting PushPull technology



Accessories

Harting PushPull Einbauzubehör für den MI 1005 E



Mounting housing Flat

Black plastic angled, with integrated seal + retaining clip; mounting holes for M2, 5, IP 65/67

Item No. 2007020



Mounting housing Compact

Black plastic angled, with integrated seal + retaining clip; mounting holes for M2, 5, IP 65/67

Item No. 2006634



Mounting housing EasyInstall

Black plastic angled, with retaining clip; mounting holes for M3, IP 65/67

Item No. 2006635

CAT6 patch cable 0.25 m grey PIMF, RoHs

Category 6 S / FTP patch cable ▶ twisted foil-shielded with braided shield (UTP) ▶ halogen-free jacket ▶ shielded, molded RJ45 connector ▶ colored, molded kink protection grommet ▶ length on sleeve ▶ protection of the snap-in nose sleeve ▶ EIA / TIA B.2-1, EN ▶ 50173 ISO / IEC 11801 Class E

0.25 m	Item No. 2005670
0.50 m	Item No. 2006294
2.00 m	Item No. 2006296
5.00 m	Item No. 2006298



MED MI 1005 MB

Wall-mounted medical network isolator

The MED MI 1005 MB passive network isolator is specifically designed for wall mounting in medical environments. It provides galvanic network isolation for electronic medical devices and systems starting directly at the wall outlet. Once it is mounted to the wall, the isolator is well-protected by the housing. Accidental impacts can be absorbed, protecting the isolator and network cable connector from damage. The MED MI 1005 MB network isolator delivers dielectric strength up to 5 kV, up to 10 kV DC for 10 seconds under high-stress conditions. Coupled with Harting PushPull technology, an absolutely stable connection. No installation of drivers or additional software necessary because the MED MI 1005 MB network isolator behaves fully transparently on the data network.

Benefits:

- › Isolation starting at the wall outlet
- › Fixed installation – flush-mounted fitting
- › Protects medical devices and patients against excessively high leakage currents in the data network
- › Durable housing – absorbs minor impacts to protect the isolator and network connection cable
- › No installation of drivers or additional software required
- › Inexpensive and efficient operation. No dedicated power supply required
- › Completely secure connection when coupled with Harting PushPull technology



MED MI 1005 Retail

Complete set network isolator MI 1005 for resellers

The network isolator MED MI 1005 Retail is especially suitable for resellers in the medical sector. The pre-packed complete set includes a network isolator MED MI 1005, patch cable (25 cm), manual, outer packaging and serial number on the outer packaging.

The MED MI 1005 is used between an active medical device and an Ethernet network or a non-medical device such as an office PC, printer or laptop. Devices and systems are safely galvanically isolated in accordance with the IEC EN 60601-1 standard. In accordance with the requirements of IEC 60601-1 (3rd edition), the MED MI 1005 network isolator has two means of protection (2 MOPP) for the patient and is therefore ideally suited for standard-compliant galvanic isolation of Ethernet-based signal interfaces within the patient environment.

Benefits:

- › Saleable complete set
- › Simply plug in, no installation required
- › Protects medical devices and patients from excessive leakage currents in the data network
- › No keystone module required
- › No installation of drivers or additional software required
- › Cost-effective to purchase and efficient to operate - does not require its own power supply
- › Long-term availability for min. 10 years
- › Durable: 1 fault in 21 000 000 hrs.



HDMI Isolation

Galvanic isolation of medical electrical devices.

Isolators for the patient environment are used in the medical field to protect the patient from leakage currents that can occur when an active medical device is connected to a non-medical device such as an office PC or laptop. For the isolation of medical electrical devices, we offer a comprehensive product portfolio for RS232 isolators, USB isolators, HDMI isolators, DisplayPort isolators and video isolators.



Technical Data	HDMI Optical Isolator HDFX-300
Resolution	up to 4K (4096x2160) at 60Hz
Data transfer rate	Max. 18Gbps (6Gbps per Channel)
Max. distance	200m via Fiber
Skew Inter-Channels	Max. 2ns
Module Size (WHD)	26x 72x 15 mm
Optic	Duplex LC Connection
Electrical connector type of system and display	High-Retention HDMI Connection
Recommended fibre	OM3(50/125 um) Multi-Mode glas fiber
Power supply	5V current of HDMI source (Tx only) or via USB cable
Item No.	2011670

DisplayPort Isolator



DisplayPort Optical Isolator DPFX-200

Technical Data

Resolution	up to 4K (4096x2160) at 60Hz
Data transfer rate	5.4Gbps (per trace)
Max. distance	200 m via fiber
Fiber	LC terminated 2 core multi-mode Fiber
AUX CH	Direct AUX CH
Power supply	TX / RX: external 5V/1A DC Power or via USB cabel
LED Indikator	TX: Power, signal transmission RX: Power, signal detection
Item No.	2011669

RS232 Isolation



Technical Data	RS232 Isolator STD LWL 9Pin RL
Interface	RS-232 - 9-pin SUB-D socket, ready for PC connection
Realization	RS232 on fiber
Fiber connection	Socket with automatic locking of the fiber cable
Daud rate	110..115200 Baud
Data format	random
Supported signals	RxD, TxD
Fibre optic medium	Duplex plastic fibre optics Dimensions 2.2 x 4.4mm with 1mm fibre diameter Material: core: PMMA, sheath: PE
Wavelength	ca. 660nm
Transmission length	up to 20 m
Supply voltage	additional power supply not require
Case	SUB-D-plug housing
Current consumption	2 mA
Weight	approx 30 g
Protection class	IP40
Standards	RoHS, CE
Item No.	2005422

For a RS232 connection, 2 isolators are necessary.

Technical Data	RS232 Isolator STD 4 kv B
Transmission mode	Asynchronous, half or full duplex, point-to-point
Interface	RS-232
Signal	TD, RD, RTS, CTS
Data rates	0 to 115.2 K bps
Isolation	4000 Volt RMS Isolation for 1 minute (Evtl. limited by external power supply)
Plug connector	To DTE, DB-25 female; To DCE, DB-25 male
Supply voltage	From RS-232 Port, Data and handshake line
Connections Power supply	2.5mm connector or DB25 connector Pins 11 (+) and 12 (-)
Dimensions	104 x 58 x 24 mm
Optional	external power supply: +10 up to +16 VDC @ 40 mA max
Standards	CE; RoHS
Item No.	2005744



USB Isolation



Technical Data	USB Isolator STD*
Interface	USB
Realization	USB on fibre and back to USB
Data rates	max. USB Full Speed 12MBit/s
Wavelength	up to 40 m
Supply voltage	5 V over USB plug or power supply
Connection	Plug & Play Computer: Plug Typ A Device: plug Typ A
Standards	FCC; EN 55022/55024/61000-3, RoHS, CE
1 LWL cable length 1 m	Item No. 2006137
3 LWL cable length 3 m	Item No. 2005855
10 LWL cable length 10 m	Item No. 2005420
20 LWL cable length 20 m	Item No. 2005882
30 LWL cable length 30 m	Item No. 2006064
40 LWL cable length 40 m	Item No. 2005878

*Optionally also available with medical power supply units, tested according to the EN 60601-1 3rd Edition

Technical Data	USB Isolator STD 1.0 LWL AB*
Interface	USB (USB 2 compatible)
Realization	USB on fibre and back to USB
Data rates	max. USB Full Speed 12MBit/s
Cable length	1 m
Supply voltage	5V over USB plug or power supply
Connection	Plug & Play Computer: Plug Typ A Device: Plug Typ B
Standards	EN 55022/55024/61000-3, FCC, RoHS, CE
Item No.	2005935

*Optionally also available with medical power supply units, tested according to the EN 60601-1 3rd Edition



Video-Isolation

Video isolation amplifier according to EN 60601-1

Video isolation amplifiers according to EN 60601-1 are used for the galvanic isolation of video channels, for example: ultrasound devices or endoscopes that are connected to computers, video recorders, printers, etc. The corresponding savings by the use of a video isolation amplifier – as an alternative to medical hardware – are a decisive criterion in the context of an investment for a medical practice or a hospital.

Technical Data	MED Video Isolator 1 canal
Isolation	SVHS + BNC
Dielectric strength	4kV
Application class	B
Input impedance	75 Ω
Coupling	AC
Delay (output)	60 ns
Frequency	20Hz up to 9MHz (-3dB)
Creepage distance	8 mm
Supply voltage	230V AC + 10% 50/60 Hz
Power consumption	10 VA
Weight	approx 1.45 kg
Degree of protection	IP30
Protection class	1
Dimensions (DWH)	240 x 157 x 48 mm
Standards	93/42 EWG 3rd
① MED Video Isolator 1 Kanal BNC	Item No. 2005392
② MED Video Isolator 1 Kanal SVHS	Item No. 2005394

Power cord included.



① MED Video Isolator 1 channel BNC



② MED Video Isolator 1 channel SVHS

DVI-Isolation



Technical Data

DVI Isolator STD 4 x Fiber Optic

Isolation	4 Glass fibre optical fibres
Max. data rate	1,65 GBit/s
Max. resolution	WUXGA 1920 x 1200 Pixel
Transmission length	up to 500 m uncompressed
Power supply	external power supply (incl.) or 5 V DC from the signal source
Cable length	freely selectable through pluggable LC connections (cable not included in scope of delivery)
Inputs 610T (transmitter)	DVI-D with DVI-I connector 610R: 4 LC connectors for R, G, B & Clock
Outputs 610T (receiver)	4 LC connectors for R, G, B & Clock. 610R: DVI-D with DVI-I connector
Scope of delivery	DVI transmitter module, DVI receiver module, 2 x plug-in power supply IEC 60950, without fiber cable, without HDCP
Item No.	2005590
Medical Power supply	Item No. 2007551

Technical Data

DVI Isolator STD 1 MEDx Fiber Optic

Isolation	1 glass fibre
Max. data rate	1,65 GBit/s
Max. resolution	WUXGA 1920 x 1200 Pixel, 60 Hz
Transmission length	up to 1000 m single mode, up to 500 m multi-mode fiber
Image instability at the end of the RX output	max. 309 Piko Secund 10^{-12} s
Image offset between channels	max. 6 ns
Link Power Budget:	min. 13.9 dB
Optical Connector	Simplex SC plug
Scope of delivery	DVI transmitter module, DVI receiver module, incl. medical power supply; incl. 2 x plug-in power supply, without fiber cable
Item No.	2007501

Variable LWL cable lengths on request.



Baaske power strip MED5 ZPA



Patent pending



TÜV Süd-certified solid aluminum power strip

The Baaske MED5 ZPA power strip is perfect wherever multiple medical devices need to be connected to a power strip. The TÜV-certified, multiple socket power strip meets the high standards required by DIN EN60601-1 and can be used safely in areas of the application group 2 as specified in VDE Section 710 – operating rooms and rooms with vital treatment equipment. The five individually-fused socket inserts – which can withstand up to 2000 W – make the product truly unique. The entire power strip is designed to handle a maximum load of 3600 W. For extra safety, there is an additional potential equalization (ZPA) for each power socket insert so that the medical power strip can be used simultaneously as a local ZPA distributor.

Benefits:

- › TÜV SÜD-certified, solid aluminum power strip
Made in Germany
- › 5 VDE power sockets with VDE seal of approval
- › Each power socket redundantly-fused
- › 2.5 mm² thick cable with anti-kink mechanism on the housing
- › Safety lock for preventing accidental modification of the electrical system
- › Allows wall-mounting, attachment to standard rails or infusion stand

Technical Data	MED5 ZPA
Fuse protection	2 G fuse-links, each 5 x 20 mm,
Power socket insert	(DIN EN 60127- 2/ VDE 0820-2)
ZPA connector	DIN 42801-compliant
Load per socket	max. 2000 W
Total load Power strip	max. 3600 W
Dimensions (LxWxH)	350 x 80 x 80 mm
Housing	Brushed all-aluminum, powder coated
Standards	DIN VDE 0620-1:2010 and EN 60601-1:2006 (potential equalization section)
Warranty	5 years
Scope of delivery	1x power strip; 1x mounting plate; 1x 5 power sockets, Type 02 bracket (complete)
cable length 3 m	Item No. 2007205
cable length 5 m	Item No. 2006395

Features MED 5 ZPA



Additional potential equalization (ZPA) for each socket insert, simultaneously serves as a local ZPA distributor.



Double fuse for each socket insert (2G fuse links) for immediate detection of failures. Replaceable during operation.



Versatile safety locks for preventing modifications to the electrical system.



11 mm thick power cable with 2.5 mm² single lines and kink protection on the housing.

Accessories:



Guard bracket

To prevent accidental pulling out or adding of SCHUKO plugs.

1 Covers: 1 power socket, Type 00- 1E00
Item No. 2011314

2 Covers: 1 power socket, Type 01- 1E01
Item No. 2011313

3 Covers: 5 power sockets, Type 02*Included in delivery.
Item No. 2006708

Standard rails Clips (2 St.)

2 Standard rails Clips for mounting the power strip to standard rails. In combination with item No. 2007232 (mounting plate).

4 **Item No. 2007208**

Pipe mounting

For flexible, rapid mounting of the power strip to an infusion stand. In combination with item No. 2007232 (mounting plate).

5 **Item No. 2006327**

Mounting plate

Including holes for standard rails holding claws and screw claws. Accessories: 4 attaching screws.

6 **Item No. 2007232**

Tee-handled socket wrench

For the easy loosening and attachment of the guard bracket on the MED 5 ZPA power strip. Included in delivery.

7 **Item No. 2007233**

e-medTM multiple socket 500 EU



Mini aluminium multiple socket with IP54 folding protection

Small. Compact. Safe. Professional areas appreciate a straight line, stability and a favourable price/performance ratio. These features are combined in a high-quality aluminium housing. The result is the e-medTM multiple socket outlet 500 EU for industrial use. 5 protective contact sockets with hinged cover offer sufficient space for up to 5 devices. On request, the e-medTM multiple socket outlet 500EU is also available as a 4x multiple socket or 3x multiple socket. Do not hesitate to contact us for further information.

Benefits

- › Mini power strip with 5 socket outlets
- › Schuko socket outlets with IP54 Hinged cover
- › Cable with a cross section from 2.5 mm²
- › Mountable on walls, standard rails or infusion stands possible
- › Including guard bracket

Technical Data	Multiple Socket 500 EU
Number of plugs	5x socket insert
Connector type	Schuko
Current max.	16 A
Input voltage	230 V
Dimensions (LBH)	283 x 75 x 69 mm (without trigger protection)
Case	Anodised aluminium
Scope of delivery	1x multiple socket, 1x trigger protection 1x socket wrench
3 m cable length	Item No.: 2012161
5 m cable length	Item No.: 2012162



incl. trigger protection
against accidental
modification of the
electrical system

**ALSO AVAILABLE
AS 3X OR 4X
MULTIPLE SOCKET**

e-med[™] multiple socket MED4-Q400AN EU

Premium aluminium multiple socket with overload protection

Rock solid, square, excellent: The MED4-Q400AN EU multiple socket is a real space-saving marvel and impresses with quality and safety in a wide range of medical usage. For example, for use directly at patient's bedsides, in operating theatres or on mobile cart solutions for endoscopy or mobile rounds. 8 fuses protect valuable equipment from disruptions in the electrical circuit. In addition, the MED4-Q400AN EU has an extra overload fuse. This ensures, that the main switch does not trip, even if the total load of 3500W is exceeded. The MED4-Q400AN EU multiple socket provides one PE connector per consumer and can be used as a PE distribution.



Technical Data	MED4-Q400AN EU
Number of plugs	4x socket insert
Connector type	Schuko
Protection socket insert	2 G-melting inserts each 5x 20 mm (DIN EN 60127-2/VDE 0820-2)
PE connector	according DIN 42801
Load per socket	max. 850 W
Total load multiple outlet strip	max. 3600 W
Current max.	15 A
Input voltage	230 V
Dimensions (LBH)	190 x 150 x 83 mm
Case	Aluminium
Standards	IEC 60601-1:2005 + A1:2012 IEC 60601-1:2005 + A1:2012/AMD1:2012 ISO 88601-2-13:2011/AMD1:2005
Warranty	5 years
Scope of delivery	1x socket strip, 4x MEDX ZPA Single pull-off fuse KIT Green per socket insert; 1x socket wrench
3 m cable length	Item No: 2012098
5 m cable length	Item No: 2012142

Additional potential equalization



PE 3 x socket 6 mm²

Highly flexible, green-yellow 6 mm² extension cord › one-sided mounting, 90° socket with spring lamella contact, other side 3 mounting box › contacts made of nickel-plated brass, lamella contact in socket made of gilded copper alloy.

cable length 1 m	Item No. 2005735
cable length 4 m	Item No. 2006276
cable length 5 m	Item No. 2006728

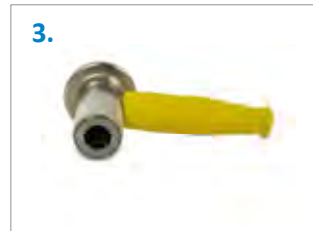
Accessories for ZPA socket



1.



2.



3.



4.

1. PE panel connector, complete

Panel connector Ø 6 mm › color marking washer M6 (green/yellow) › serrated washer M6 (DIN6798)

15 mm	Item No. 2005729
20 mm	Item No. 2005730
25 mm	Item No. 2005731
35 mm	Item No. 2005732

2. PE mounting box, complete M6

Mounting box, black with green-yellow color ring › built-in DIN 42801 connector M6 › nickel-plated/suitable for installation in flush-mounting boxes › scope of delivery: 1 insulation box, 1 nickel-plated ring nut, 2 nickel-plated nuts

25 mm	Item No. 2005733
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3. PE Connector

90° angled socket for attachment of connecting leads › nickel-plated brass socket with hard copper alloy contact lamella › crimping connection › includes yellow insulation cap

6 mm	Item No. 2006110
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4. PE stranded cable 6 mm²

Stranded cable for medical devices › color: green › yellow › cable insulation: PVC › litz-wire construction 1548 x 0.07 › cable weight 0.08 kg/m › cable diameter 3.8 mm / insulation thickness 1.05 mm › outer diameter of 5.9 mm › rated voltage 600 V › test voltage 2500 V › rated current 54 A

1 m	Item No. 2006160
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FOR SAFE
COMPENSATION
OF VOLTAGE
DIFFERENCES



PE 8 x socket 6 mm²

highly flexible, green-yellow 6 mm² extension cord › one-sided mounting, 90° socket with spring lamella contact, other side 8 mounting boxes › contacts made of nickel-plated brass, lamella contact in socket made of gilded copper alloy

cable length 1 m **Item No.** 2006213

cable length 3 m **Item No.** 2006214

cable length 5 m **Item No.** 2006239

5.



5. PE stranded cable 4 mm²

Connector cable for the potential equalization in compliance with DIN 42801 › Cable cross-section: 4 mm² › wire diameter: 3 mm insulation green-yellow › 90° angled socket mounted on both sides with spring lamella contact and molded insulation

1 m **Item No.** 2005716

3 m **Item No.** 2005717

6.



6. PE stranded cable 6 mm²

Connector cable for the potential equalization in compliance with DIN 42801 › 6 mm², wire diameter: 3.8 mm › insulation green-yellow › 90° angled socket mounted on both sides with spring lamella contact and molded insulation

1 m **Item No.** 2005718

2 m **Item No.** 2006146

3 m **Item No.** 2005719

7.



7. PE stranded cable STD 4 mm²

Connector cable for the potential equalization in compliance with DIN 42801 › 4 mm² › wire diameter: 3 mm insulation green-yellow › 90° angled socket mounted on both sides with spring lamella contact › nickel-plated brass sockets with gilded hard copper alloy lamella contact

1 m **Item No.** 2005710

2 m **Item No.** 2006185

8.



8. PE stranded cable STD 6 mm²

Connector cable for the potential equalization in compliance with DIN 42801 › 6 mm² › wire diameter: 3.8 mm insulation green-yellow › 90° angled socket mounted on both sides with spring lamella contact › nickel-plated brass sockets with gilded hard copper alloy lamella contact

1 m **Item No.** 2005712

2 m **Item No.** 2006145

4 m **Item No.** 2006161

5 m **Item No.** 2006240

8 m **Item No.** 2006962

Isolation transformers IMED



Isolation transformer IMEDe 3rd 600
and IMEDe 150

Medical isolating transformers tested according to EN 60601-1 3rd Edition

The IMED 3rd medical isolating transformers regulate the protective isolation (galvanic isolation) of the mains voltage in the medical environment. They were specially developed for use in medical technology and ensure compliance with the safety requirements of the Medical Devices Directive and the applicable device and system standards. IMED 3rd medical isolating transformers compensate for faults or excessive inrush currents and ensure uninterrupted continuous operation of medical electrical systems (ME systems).

Note:

- › Also available for international use
- › Input and output voltage universal:
Primary 115/230 V, secondary 115/230 V

Benefits:

- › Sturdy metal housing, floor-standing unit
- › Protected against short-circuit and overload
- › Built-in temperature monitor in the primary circuit
- › Fine-wire fuse (2-pole) in primary circuit
- › ON/OFF - 2-pole POWER switch
- › Inrush current limitation: electronic
- › Conformity assessment: Class I product
- › Secondary IEC320 panel jacks for cold appliances

Toroidal core transformers for medical technology with multiple socket, in a stable metal housing with inrush current limitation and primary fine-wire fuses (2-pole).

All models at a glance

Technical Data Euro-Series	IMEDe 150	IMEDe 300 3rd	IMEDe 600 3rd	IMEDe 1000 3rd	IMEDe 1500 3rd	IMEDe 2000 3rd
Max. power output	150 VA	300 VA	600 VA	1000 VA	1500 VA	2000 VA
Max. power input	165 VA	330 VA	630 VA	1040 VA	1540 VA	2050 VA
Output sockets	2 x IEC 320	5 x IEC 320	5 x IEC 320	7 x IEC 320	7 x IEC 320	7 x IEC 320
Housing protection class	IP21	IP20	IP20	IP20	IP20	IP20
Weight (without packing)	ca. 3,5 kg	ca. 6,6 kg	ca. 9 kg	ca. 13,2 kg	ca. 18,2 kg	ca. 21,5 kg
Dimensions (LBH)	194x 148x 74 mm	275x 219x 109 mm	275x 219x 109 mm	344x 285x 109 mm	344x 285x 109 mm	344x 285x 109 mm
Device leakage current (primary)	< 50 µA	< 100 µA	< 100 µA	< 100 µA	< 250 µA	< 250 µA
Output leakage current (secondary)	< 50 µA	< 70 µA	< 70 µA	< 100 µA	< 100 µA	< 100 µA
Input and output voltage	primary 230 V~/secondary 230 V-, 50/60 Hz					
Inrush current limiter	electronic at nominal current value					
Short circuit protection	micro fuse primary					
Excess temperature protection	self resetting temperature switch					
Housing/Color	sheet steel housing, powder-coated, light-grey RAL7035					
Mains cable primary	included in delivery, 2 m					
Standards	EN 60601-1 3rd Edition; EN 60601-1-2; EN 61558-1; EN 61558-2-4					
Item No.	2005738	2006873	2006874	2006875	2006876	2006877

Technical Data International	IMEDi 300 3rd	IMEDi 600 3rd	IMEDi 1000 3rd	IMEDi 1500 3rd
Max. power output	300 VA	600 VA	1000 VA	1500 VA
Max. power input	330 VA	630 VA	1040 VA	1540 VA
Output sockets	5 x IEC 320	5 x IEC 320	7 x IEC 320	7 x IEC 320
Housing protection class	IP20	IP20	IP20	IP20
Weight (without packing)	ca. 6,7 kg	ca. 9,1 kg	ca. 13,2 kg	ca. 18,3 kg
Dimensions (LBH)	275 x 219 x 109 mm	275 x 219 x 109 mm	344 x 285 x 109 mm	344 x 285 x 109 mm
Device leakage current (primary)	< 100 µA	< 100 µA	< 100 µA	< 250 µA
Output leakage current (secondary)	< 70 µA	< 70 µA	< 100 µA	< 100 µA
Input and output voltage	primary 115 V- or 230 V~/secondary 150 V- or 230 V-, 50/60 Hz			
Inrush current limiter	electronic at nominal current value			
Short circuit protection	micro fuse primary			
Excess temperature protection	self resetting temperature switch			
Housing/Color	sheet steel housing, powder-coated, light-grey RAL7035			
Mains cable primary	included in delivery, 2 m			
Standards	EN 60601-1 3rd Edition; EN 60601-1-2; EN 61558-1; EN 61558-2-4, UL 60601-1; CAN/CSA 22.2 No. 601.1/NRTL-Zulassung			
Item No.	2006869	2006870	2006871	2006872

Accessories isolation transformers



1 Isolating transformer Primary safety fuse

Prevents accidental disconnection or addition of the isolating transformer power cord.

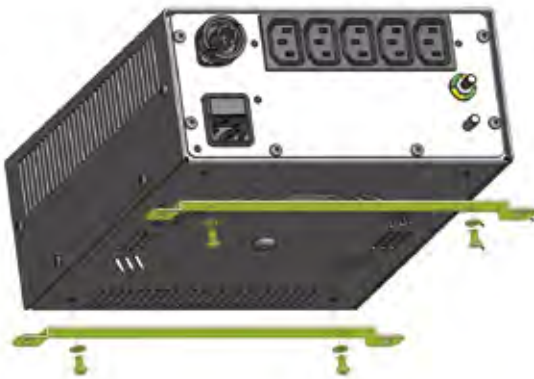
Item No. 2006973

2 Isolating transformer Secondary fuse

Suitable for IMED 300/600/1000/2000 isolating transformers ▶ Against accidental removal or addition of the connected cold appliance cables.

IMED 300/600 Item No. 2006974

IMED 1000/2000 Item No. 2006975



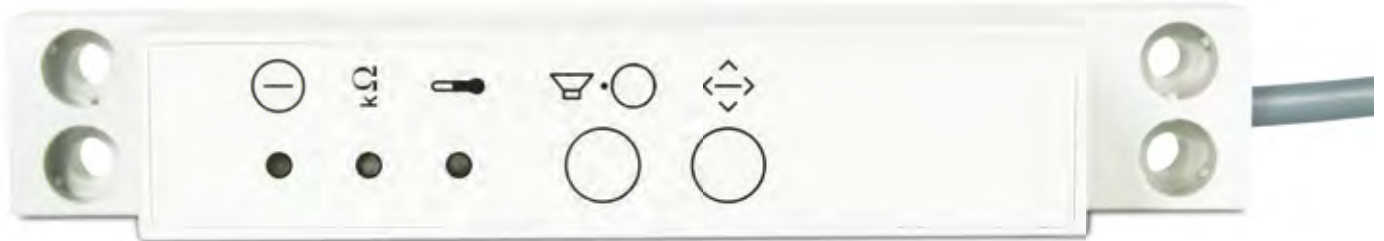
Isolating transformer assembly set

Suitable for mounting the Baaske isolating transformer IMED 300/600/1000/2000 ▶ Mount your isolating transformer comfortably on a cart or on the wall. Not only do you save valuable space, you also prevent unnecessary tripping hazards.

IMED 300/600 Item No. 2006976

IMED 1000/2000 Item No. 2006977

Earth Leakage Guard MED N 3rd



With integrated temperature regulation

The insulation monitor MED N 3rd monitors the resistance between the two isolated, current-carrying contacts of the output socket. If the resistance changes or the maximum internal temperature is exceeded, this is indicated optically (LED) and acoustically (Pipton). The limit value for the alarm in case of insulation faults is 50kOhm. The integrated temperature sensor triggers the alarm when the internal temperature exceeds 120°C. The alarm is triggered when the insulation is damaged. The temperature monitoring only switches off the isolating transformer when the maximum limit value of 160°C internal temperature is reached. The user has sufficient time to disconnect connected devices from the transformer. Thus a complete failure can be avoided. The connection is made via a separate interface and does not occupy any of the output sockets.

Benefits:

- › Integrated temperature control
- › Warns at > 120°C, switch-off only when the limit value of 160°C is reached
- › Optical (LED) and acoustic (Pipton) Warning
- › Separate interface no assignment of the output sockets.

Technical Data	MEDN 3rd
Operating voltage	115 or 230 V~ 100 ... 240 V~
Display	In operation (green), insulation fault (yellow), temperature overflow (yellow)
Connection	cold socket C14, straight
Degree of protection	Klasse I
Protection class	IP 40
Insolation class	ta 40C/B
Dimensions (LWH)	192x32x56
Standards	EN60601-1, EN60601-1-1, EN60601-1-2, EN60601-1-4, medical products directive 93/42/EEC with addendum 2007/47/EG
Item No.	2006967

Connection cable

FOR AN
ASSORTMENT
OF CABLES, GO TO
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Extension with SCHUKO coupling

Item	Description	Item No.
C14W SW 1mm ²	Cable cross-section: 3 x 1 mm ² H05VV-F3G	0.3 m 2006201
	➤ 1 x IEC320 C14 angled to 1 x SCHUKO coupling, straight ➤ color: black	1.5 m 2006407

Device cable with SCHUKO connector

Item	Description	Item No.
C14G C13G SW 1mm ²	Cable cross-section: 3 x 1mm ² H05VV-F3G ➤ 1x IEC320 C14 straight to 1 x IEC320 C13 straight ➤	1.0 m 2005748
	Colour: black	2.0 m 2005747
C14G C13G SW 0,75mm ²	Cable cross-section: 3 x 0,75mm ² ➤ 1x IEC320 C14 straight to 1 x IEC320 C13 straight ➤ Colour: black	1.0 m 2005736
		1.5 m 2005817
		1.8 m 2005737
C14G C13W SW 1mm ²	Cable cross-section: 3 x 1mm ² H05VV-F3G ➤ 1x IEC320 C14 straight to 1 x IEC320 C13 angled ➤	1.0 m 2006087
	Colour: black	1.5 m 2006088
		2.0 m 2006089
C14W C13G SW 1mm ²	Cable cross-section: 3 x 1mm ² H05VV-F3G ➤ 1x IEC320 C14 angled to 1 x IEC320 C13 straight ➤ Colour: black	1.0 m 2005816

Device supply cable with Schuko plug

Item	Description	Item No.
Schuko C13	Cable cross-section: 3 x 0.75 mm ² ➤ Schuko angled to IEC320 C13 straight ➤ Colour: black	1.8 m 2005562

Device supply cable with cold devices Connector

Item	Description	Item No.
SW C13G SW	Cable cross-section: 3 x 1 mm ² ➤ H05VV-F 3G ➤	1.8 m 2005946
	Device supply cable, earthed plug, angled/IEC320 plug C13 straight ➤ Colour: black	2.5 m 2005707
MED IEC320 C14 C13	wire cross-section 1 mm ² ➤ IEC320 C14 transparent at IEC320 C13 transparent ➤ Colour: white	1.8 m



Desktop power supplies



100 W Desktop power supplies

Technical Data	MPU101-107 G	MPU101-105 G
Item No.	2007633	2007188
Power output	100 W	100 W
Input voltage	100 - 240 V AC	100 - 240 V AC
Output voltage	16 ~ 21 V	12 V
Output current	4.8 ~ 6.3 A	8,34 A
Input	IEC320-C14	IEC320-C14
Output (internal/external/length)	2.1 x 5.5 x 11 mm Angled hollow connector	2.5 x 5.5 x 7,5 mm Straight hollow plug, twist lock
Configuration	V+ --0)-- V- /	V+ --0)-- V- /
Standards	DIN EN 60601-1 3rd, DIN EN 60601-1-2, UL 60601-1	DIN EN 60601-1 3rd, DIN EN 60601-1-2, UL 60601-1

Mains cable not included in scope of delivery. Further plugs on request isolation class.

THE FITTING
MODEL NOT FOUND?
VISIT US ON
WWW.BAASKE-MEDICAL.DE

Desktop power supplies with universal output connectors

Technical Data	MPU51-107
Item No.	2007230
Power output	50 W
Input voltage	100 - 240 V
Output voltage	19 V
Output current	2,63 A
Input	IEC320-C14
Connector	Universal P183
Output (internal/external/length)	Sekundär: 1,8 m
Configuration	Universal
Standards	DIN EN 60601-1-3rd., DIN EN 60601-1-2, UL 60601-1

Mains cable and matching plugs are not included in the scope of delivery.
Suitable articles can be found at www.baaske-medical.de.

Shipping & Returns

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