



The DME

- The DME is a classic distance measurer in the forest
- Offers reliable results in all types of terrain
- Works also in undergrowth and thick shrubs
- The reference object can be partially or completely covered
- Works with reliable ultrasound distance measurement
- Proven accurate & tested technology
- Durable and rugged with sealed electronics
- Excellent to measure radius in sample plots
- Built-in BAF (point sampling/reverse prism) functions
- Reference users worldwide



The DME is perfect for forest distance measurement work. It offers quick and accurate readings in difficult terrain and areas with thick underbrush. The DME system is useful in sample plot work, for road construction, in building dimension, timber cruising and stakeouts.



Get the exact distances in English or metric units of up to 30m/98ft or more with an accuracy of +/-1%.

With the “Reverse Prism” function you can use the DME on point samples, sampling a full spectrum of basal area factors (BAF’s). By selecting one of the built in BAF’s the DME will measure the tree’s distance from plot center then calculate the minimum diameter that tree must be to be included in your point sample. This solution eliminates all of the limitations associated with traditional prism cruising, such as obscured views from plot center.

The DME instrument can be set to function as a transponder. This work mode allows two operators to continuously measure the distance in between each other, to ensure for example exact road width.

The DME is easy to calibrate battery consumption is low.

TECHNICAL SPECIFICATION DME

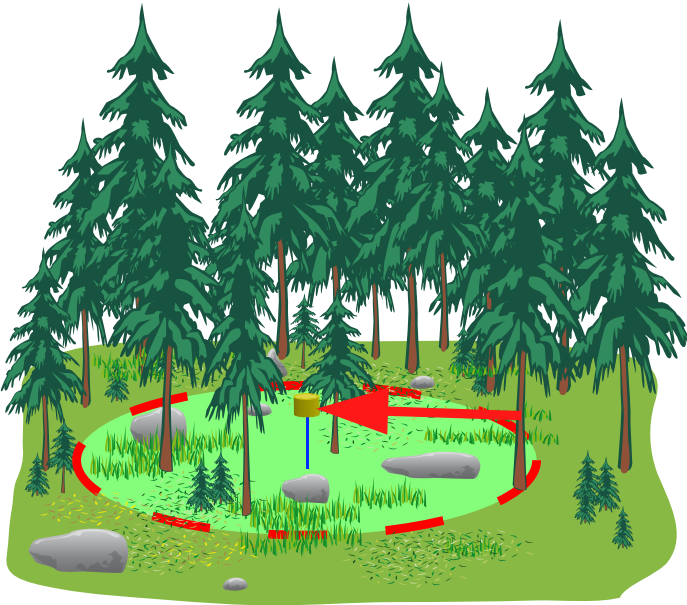
Size:	30x40x125mm/1.2x1.6x4.9"
Weight:	90g/3.6oz (incl. battery).
Battery:	1x9 V alkaline. Current 7mA.
Temperature:	Min -15° Max 45° C/Min 5° Max 113° F.
Ultra sonic frequency:	25 kHz.
Distance:	30m/98ft or better With 360° adapter on the transponder: 20m/ 60ft or better.
Resolution:	0.01m/0.1 ft.
Accuracy:	1% or better.
BAF factors:	0.5,1 to 9 (m ² /ha) or 5,10,15..to 50 (ft ² /acre).

DME 15-100-1001 complete 360° package/set incl. DME instrument, transponder T3, plot staff and adapter.

15-100-1003 DME measuring instrument only.

15-100-1004 DME measuring instruments (2 ea) in pair.

User instructions included. Aluminum transport case when ordering complete set. Measuring instrument and transponder use AA batteries that may or may not be included in the case depending on shipping destination.



The Transponder T3 is water resistant, rugged and has a simple construction in a bright, visible color. T3 uses one AA battery and it is compatible with Haglöf instruments DP DME, Vertex IV, DME and VL Vertex Laser. The transponder is equipped with a pin to place directly on a tree stem. It can also be used with an adapter and monopod staff to measure in a full circle in sample plot work. Art. no. Transponder T3 orange: 15-104-1012. Diameter T3: 70mm/2.8". Weight: 85g/3.4oz. 1 x 1.5V AA alkaline battery, consumption max. 9mW. The Monopod plot staff is produced in sturdy light-weight, bright blue aluminum material with a pointy end. Art. no. Monopod plot staff: 15-104-1013. Height when assembled 130cm/50.7", weight approx. 240g/9.6oz. The Adapter is mounted on the plot staff and allows for measuring in a full 360° circle. Art. no. Adapter 15-104-1011. Plastic, height approx. 47mm/1.88", weight approx. 40g/1.6oz.