

Analytical instruments

- High performance liquid chromatography with diode-array and fluorescent detectors (HPLC-DAD-FLD), Agilent Technologies, model 1200
- Gas chromatography–mass spectrometry (GC-MS), Shimadzu
- Gas chromatography accompanied with flame ionization detector ((GC-FID), ThermoScientific
- Photochemical reactor for the derivatisation of aflatoxins with UV-Light, UVE
- UV-Vis spectrophotometers, Hitachi
- Vertical electrophoresis apparatus, Consort, accompanied with digital imaging, analysis and processing system, Vilber Laurmart
- Polarimeter, AA-5 series
- Chromatometer, HunterLab
- Kjeldahl device for nitrogen determination, Gerhardt
- Soxhlet device for fat determination, Behr
- Freeze-dryer, Crist
- Near-infrared analyzer, Inframatic - Perten
- Solid phase extraction, Supelco
- ELISA reader, Neotec

Mills

- Wholemeal flour mills equipped with different size sieves, Falling number - Perten & Retzch
- Roller mill, Quadrumat – Brabender
- Mill with cooling system, Janke & Kunkel
- Semolina production in lab-scale, Chopin
- Rice huller, Takayama
- Rice polishing mill, Satake
- Grain brokers

Rheological measurements devices

- Farinograph, Brabender
- Extensiograph, Brabender
- Amylograph, Brabender
- Viscoamylograph, Brabender

Specific devices for cereal analysis

- Falling number system for amylase activity, Perten
- Glutomatic system for gluten quality and quantity, Perten
- Digital image analysis system, SeedCount
- Sedimentation value devices
- Pasta making apparatus, Namad
- Bread making apparatus
- Seed counter
- Electric seed shakers

General analysis devices

- Balances from one up to four decimal digits, water baths, sonication baths, pH-meters, centrifuges, oven, muffle furnace, laminar flow chambers, rotary evaporator, stereoscopes, microscopes, shakers, stirrers, incubators, hot plates, autoclaves, grow chambers, vortex, blenders etc