

Brabender Aquatrac - V

Mobile Moisture Meter for Plastics



NEW - DIN EN ISO 15512:2019
„Plastics - Determination of
water content“

Brabender®

... where quality is measured.

Brabender Aquatrac - V

Moisture meter for plastics according to DIN EN ISO 15512:2019 „Plastics - Determination of water content“

For 30 years, the Aquatrac has been the measuring instrument for the residual moisture content in solids for the plastics processing industry. It has a robust and compact design and can be easily transported due to its well-known mobility. Therefore, there are many possibilities for direct use at the production site, for example in the production of

- Incoming goods inspection
- Monitoring and optimization of the granulate drying process
- Measurement of the granulate on the machine/machine hopper
- Measurement on the finished part, e.g. after conditioning or final inspection
- Laboratory measurement

As an absolute measuring instrument it requires no calibration work for different materials. It can be used independently of a PC or other peripherals.



Highlights

Precision

Resolution 0.01 mg / 1 ppm / 0.0001 % H₂O

Portable and robust

Transportable and suitable for both laboratory and shop floor use

Reliable and reproducible

Recognised measurement method around the world for over 30 years

Easy handling and menu navigation

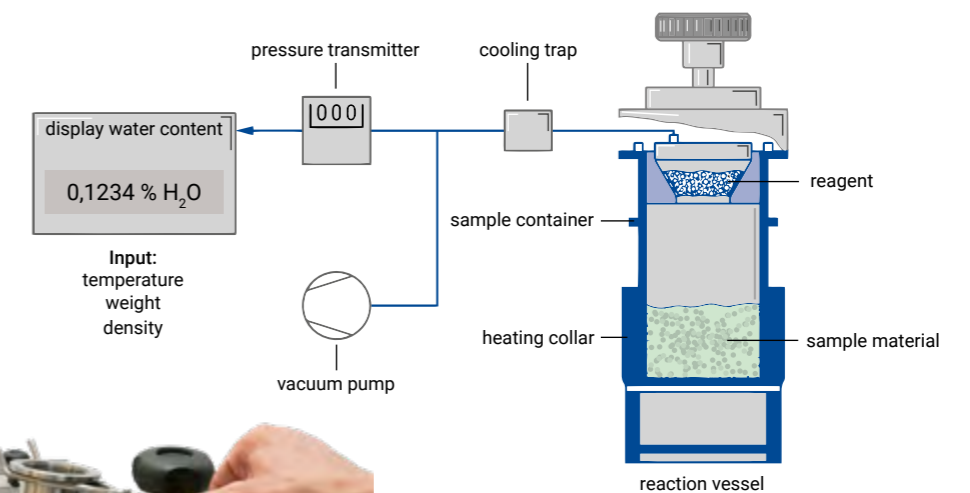
Selectable step-by-step guide through the measurement process

Standalone

Device can be used without additional peripherals

Technical Data

- Measurement principle: Chemical reaction with calcium hydride according to DIN EN ISO 15512:2019
- Sample weight: From 0.1 g / max. 130 cm³
- Resolution: 0.01 mg / 1 ppm / 0.0001 % H₂O
- Precision: better than ± 1.4 % of measuring range end value
- Measuring range: 0.0001 – 60 % H₂O (relative) / 0.01 - 60 mg H₂O (absolute)
- Measuring temperatures: 60 – 200 °C in 1 °C steps
- Measuring time: Approx. 10 – 60 min. depending on material
- Display: %, ppm, mg
- Interfaces: 3 × USB 2.0, 1 × Ethernet
- Power supply: 100, 115, 230 V / 50/60 Hz / 450 W, version-dependent
- Operating temperature: 10 – 45 °C
- Air humidity: 5 – 95 % non-condensing
- Protection class: IP20
- Dimension (W × H × D) / Weight: 510 mm × 325 mm × 230 mm / 14.2 kg



Measuring scheme

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