



NEW



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Discover more details and matching accessories online!

## High-precision moisture analyser for demanding analyses

### Features

- Very high resolution: 0,1 mg / 1 mg readout for precise analyses even with low moisture content
- Intuitive operation in three steps (tare – add sample – start) for simple and reproducible analyses
- Real-time visualisation: Drying curves can be shown directly on the display
- Backlit LCD graphic display, digit height 15 mm
- Halogen quartz glass heater 400 W
- Internal scale memory for up to 1000 measurement results
- The last measured value remains visible in the display until the next measurement
- Password protection to prevent manipulation of stored settings, data, etc.
- Sample description for up to 1000 samples, freely programmable, and is printed in the measuring protocol
- Date and time display as standard
- USB data interface for transferring weighing data to the PC, printer etc.
- 50 sample plates included
- Protective working cover included with delivery
- On the internet, you will find a practical application handbook containing many examples, field reports, settings and tips for each KERN moisture analyser

### Main scope of applications

- Food processing and quality control
- Cosmetics industry
- Plastics and polymer industry
- Building materials and cement industry

#### STANDARD



#### OPTION



#### KERN

Readability [d] Weight/Moisture (%)

Weighing capacity [Max]

Reproducibility weight of sample 2 g\*

Reproducibility weight of sample 10 g\*

Display after drying (Display can be switched over at any time)

Moisture [%] = Moisture content (M) from wet weight (W)

Dry content [%] = Dry weight (D) from [W]

ATRO [%] [(W-D) : D] · 100 %

Moisture content (M)

Temperature range (in steps up to)

Drying modes

Switch-off criteria

Overall dimensions W×D×H

Net weight

Price excl. of VAT ex works €

Option Calibr. Certificate DAkkS accr. | Mass

Option Factory calibration certificate | Temperature

#### DIS 50-4

0,0001 g / 0,0001 %

50 g

0,05 %

0,02 %

#### DIS 100-3

0,001 g / 0,001 %

120 g

0,1 %

0,03 %

0,01 % - 100 %

100 % - 0,01 %

0-999 %

Absolute value in [g]

30 °C - 175 °C (1 °C)

Standard drying, Rapid drying, Gentle drying, Drying in levels

time controlled, automatic, manual

211×342×187 mm

5 kg

2100,-

1800,-

963-127, € 108,-

964-305, € 174,-

\* application-dependet