NEW

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**

DAkkS

KERN	DIS 50-4 NEW	DIS 100-3 NEW
Readability [d] Weight/Moisture (%)	0,0001 g / 0,0001 %	0,001 g / 0,001 %
Weighing capacity [Max]	50 g	120 g
Reproducibility weight of sample 2 g*	0,05 %	0,1 %
Reproducibility weight of sample 10 g*	0,02 %	0,03 %
Display after drying (Display can be switched over at any time)		
Moisture [%] = Moisture content (M) from wet weight (W)	0,01 % - 100 %	
Dry content [%] = Dry weight (D) from [W]	100 % - 0,01 %	
ATRO [%] [(W-D) : D] · 100 %	0-999 %	
Moisture content (M)	Absolute value in [g]	
Temperature range (in steps up to)	30 °C - 175 °C (1 °C)	
Drying modes	Standard drying, Rapid drying, Gentle drying, Drying in levels	
Switch-off criteria	time controlled, automatic, manual	
Overall dimensions W×D×H	211×342×187 mm	
Net weight	5 kg	
**Option Calibr. Certificate DAkkS accr.	Mass**	963-127	
**Option Factory calibration certificate	Temperature**	964-305	

* application-dependet