



Moisture analyser with graphics display and 10 memories for drying programs

Features

- Backlit graphic display, digit height 15 mm
 - 1 Drying process active
 - 2 Previous drying time
 - 3 Current temperature
 - 4 Unit for displaying the results
 - 5 Current moisture content in %
 - 6 Active heating profile
- Halogen quartz glass heater 400 W

- Observation window above the sample, useful during initial setting
- Internal memory for automatic sequence of 10 complete drying processes and 100 drying processes carried out
- The last value measured remains on the display until it is replaced by a new measurement

- Sample description for up to 99 samples, 2 digits, freely programmable, and is printed in the measuring protocol
- Date and time display as standard
- 10 sample plates included
- Protective working cover included with delivery
- Application handbook: On the internet, you will find a practical application handbook containing many examples, field reports, settings and tips for each KERN moisture analyser

STANDARD

OPTION

Modell KERN	DBS 60-3
Readability [d]	0,001 g/0,01 %
Weighing capacity [Max]	60 g
Reproducibility weight of sample 2 g	0,15 %
Reproducibility, weight of sample 10 g	0,02 %
Display after drying	
Moisture [%] = Moisture content (M) from wet weight (W)	0–100 %
Dry content [%] = Dry weight (D) from W	100–0 %
ATRO [%] [(W-D) : D] · 100%	0–999 %
Moisture content (M)	Absolute value in [g]
Temperature range	50 °C–200 °C in steps up to 1 °C
Drying modes	<div><div><input type="checkbox"/></div> Standard drying</div> <div><div><input type="checkbox"/></div> Drying in levels</div> <div><div><input type="checkbox"/></div> Gentle drying</div> <div><div><input type="checkbox"/></div> Rapid drying</div>
Switch-off criteria	<div>• Automatic unrestricted switch-off (Selectable loss in weight 0,01%–0,1% in 30 s)</div> <div>• Time controlled switch-off (1 min–12 h)</div> <div>• Manual switch-off at the press of a button</div>
Recall of measurement/Log output	Interval can be set from 1 s–10 min (Only when used with printer KERN YKB-01N or PC)
Overall dimensions W×D×H	204×336×167 mm
Net weight	approx. 4,6 kg
Price €, excl. of VAT, ex works	1270,-
Option DAkkS Calibr. Certificate	Mass: KERN 963-127, € 72,-
Option Factory Calibr. Certificate	Temperature: KERN 964-305, € 140,-

Accessories

- Protective working cover, scope of delivery: 5 items, KERN DBS-A03S05, € 40,-
- Sample plates aluminium, ø 90 mm, unit of 80 pieces, KERN MLB-A01A, € 45,-
- Round fiberglass filter high mechanical stability, with organic binder, box of 100 pieces, KERN RH-A02, € 80,-
- Temperature calibration set consists of measuring sensor and display device, KERN DBS-A01., € 450,-
- USB interface kit for bi-directional data exchange between balance/moisture analyser and computer. Scope of delivery: USB cable, driver, Software Balance Connection, KERN DBS-A02, € 290,-
- Display of the drying process in conjunction with BalanceConnection, KERN SCD-4.0, € 150,-
- Thermal printer, KERN YKB-01N, € 320,-
- Matrix needle printer, to print the weights on normal paper, ideal for long-term archiving, KERN 911-013, € 390,-
- Label printer, KERN YKE-01, € 590,-