

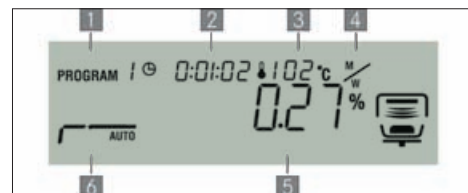
Moisture analyser KERN DBS



Modern moisture analyser with 10 memories and graphic display

STANDARD										OPTION	
CAL EXT	MEMORY	RS 232	USB	GLP PROTOCOL	UNIT	230 V	FORCE	1 DAY	3 YEARS WARRANTY	DKD	+3 DAYS
only with printer											

KERN	DBS 60-3
Readout [d]	0,001 g / 0,01 %
Weighing range [Max]	60 g
Reproducibility, weight of sample 2 g	0,15 %
Reproducibility, weight of sample 10 g	0,02 %
Display after drying (Display can be switched over at any time)	
Moisture [%] = Weight loss (WL) from SW (startweight)	0 - 100 %
Dry mass [%] = Residual weight (RW) from SW	100 - 0 %
ATRO [%] [(SG-RG) : RG] · 100%	100 - 999 %
ATRO [%] (SG : RG) · 100%	0 - 999 %
Weight loss [g] (WL)	Absolute value in [g]
Temperature range	50 - 200 °C in steps up to 1 °C
Drying modes	<ul style="list-style-type: none"> • Standard drying • Drying in levels • Gentle drying • Pre-heat level, can be switched on
Switch off criteria	<ul style="list-style-type: none"> • When the set time has expired (1 min - 4 h) • When the weight loss per unit of time falls below the target value (30 sec)
Recall of measurement	Interval adjustable from 1 sec - 10 min (only in connection with KERN YKB-01N printer or PC)
Overall dimensions WxDxH	202x336x157 mm
Net weight	approx. 4,2 kg
Option DKD Calibr. Certificate	963-127



Features

- 1 Drying program
- 2 Previous drying time
- 3 Current temperature
- 4 Unit for displaying the results
- 5 Current moisture content in %
- 6 Drying mode/Status display drying
- **Halogen quartz glass heater** 400 W
- **Observation window over the sample**, useful during initial adjustment
- **Internal memory** for automatic sequence of 10 drying programs 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**
- **Application handbook**: On the internet, you will find a practical application handbook containing many examples, field reports, adjustments and tips for each KERN moisture analyser

Accessories

- **Sample plates aluminium**, Ø 92 mm. Unit of 80 pieces, KERN MLB-A01
- **Roundfi berglass filter** e.g. for samples that splash or become encrusted. Unit of 80 pieces, KERN RH-A02
- **Temperature calibration set** consists of measuring sensor and display device, KERN DBS-A01
- **USB interface kit** for bi-directional data exchange between moisture analyser and computer. Scope of supply: USB cable, driver, Software Balance Connection, KERN DBS-A02
- **Suitable printers** see page 130