

KERN MLB-N First-class standard for moisture analysis



STANDARD



Halogen quartz glass heaters
400 W

The last measured value remains on the display, until it is overwritten by a new value



Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.



Data interface: The type of interface is shown by the pictogram. For a definition, see glossary.



Power supply: integrated in balance. 230V/50Hz in Germany. On request GB, AUS or USA version.



10 sample plates included

Sample plates, made of aluminium, Ø 92 mm. Pack of 80, KERN MLB-A01

Round fiberglass filters, e.g. for samples that splash or become encrusted. Pack of 100, KERN RH-A02

Temperature calibration set consists of measuring sensors and display device, not illustrated, KERN MLB-A11

Standard printer KERN YKB-01N
For all printers see page 94

Protective working cover standard. Can be reordered, KERN ALS-A02

Table of applications
There are many practical examples in the operating instructions

LCD graphic display, backlit

- 1 Moisture display in %
- 2 Current moisture content in %
- 3 Printout in moisture %
- 4 Type of drying Standard
- 5 Switch off mode
- 6 Previous drying time
- 7 Current temperature
- 8 Drying process active



Technical data		Switch off criteria	
Readout	d 0,001 g or 0,01 %	When the set time has expired	10 min - 9 h 50 min
Weighing ra.	Max = maximum net weighing 50 g	When a constant weight per adjustable time unit has been reached	1 - 59 sec
Reproducibility on net weighing 2 g	0,5 %		
Reproducibility on net weighing 10 g	0,02 %		
Display after drying * SG = Starting weight [g]		Recall of measurement	
Moisture [%] = Weight loss (GV) vom SG*	0 - 100 %	Interval can be set from	1 - 180 sec
Dry mass [%] = residual (RG) from SG*	100 - 0 %	Only when used with printer KERN YKB-01 or PC	
ATRO [%] [(SG - RG) : RG] · 100%	0 - 999 %		
Display can be switched at any time			
Heating / temperature setting		Overall dimensions	
Temperature range	50° - 160°C in steps up to 1°C	Net weight approx.	WxDxH 210x335x156 mm approx. 6 kg
		KERN MLB 50-3N	

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KERN - Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg
DKD = German Calibration Service



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