



Standard



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 page 88.



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

KERN MLB

Moisture analyzer

First-class standard for moisture analysis

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STANDARD



2 Halogen quartz glass heaters
200 W each



10 sample plates included

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

Temperature calibration set consists of measuring sensors and display device, not illustrated KERN MLB-A03

3 displays:

- Temperature
- Drying in %
- Drying time

Table of applications

There are many practical examples in the operating instructions



Adjustment program CAL

external test weights available at an additional price

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

Standard printer

KERN YKB-01
For all printers see page 88



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



Technical data

Readout	d	0.001 g or 0.01 %
Weighing range	Max = maximum net weighing	50 g
Reproducibility on net weighing	2 g	0.5 %
Reproducibility on net weighing	10 g	0.02 %

Display after drying * SG = Starting weight [g]

Moisture [%] = Weight loss (GV) from SG*	0 - 100 %
Dry mass [%] = Residual weight (RG) from SG*	100 - 0 %
ATRO [%] [(SG - RG) : RG] · 100%	0 - 999 %
Display can be switched at any time	

Heating/temperature setting

Temperature range	50 - 160°C	in steps up to 1°C
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Switch off criteria

When the set time has expired	10 min - 9 h 50 min
When a constant weight per adjustable time unit has been reached	1 - 59 sec

Recall of measurement

Interval can be set from	1 - 59 sec
Only when used with printer KERN YKB-01 or PC.	

KERN MLB 50-3

34 Overall dimensions WxDxH 170x300x195 mm. Net weight approx. 5 kg.

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

