



### KERN MLB-N First-class standard for moisture analysis

Delivery  
1 day

3  
Years warranty

Force  
compensation

STANDARD

CAL  
EXT

PC  
RS 232

230  
V

**Halogen  
quartz glass  
heaters**  
400 W

**The last value  
measured**  
remains on the display  
until it is replaced by a  
new measurement



**10 sample plates  
included**

**Sample plates**  
aluminium, Ø 92 mm.  
Unit of 80 pieces,  
KERN MLB-A01

**Round fiberglass filter**  
e.g. for samples that splash or  
become encrusted. Unit of  
80 pieces,  
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 109

**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	
Readout	d 0,001 g or 0,01 %
Weighing ra.	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 * SW = Starting weight [ g ]	
Moisture [ % ] = Weight loss ( GV ) vom SG*	0 - 100 %
Dry mass [ % ] = residual ( RG ) from SG*	100 - 0 %
ATRO [ % ] [ ( SG - RG ) : RG ] · 100%	0 - 999 %
Display can be switched over at any time	
Heating / temperature setting	
Temperature range	50° - 160°C in steps up to 1°C

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 - 180 sec
Only when used with printer KERN YKB-01 or PC	
Overall dimensions	
Net weight approx.	WxDxH 210x335x156 mm approx. 6 kg
<b>KERN MLB 50-3N</b>	

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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



Your KERN specialist dealer