KERN MLS-N
Moisture analyser with 99 memory possibilities and graphic display

Delivery 1 day

3 Years warranty

Force compensation

Halogen quartz glass heaters 400 W

STANDARD

CAL EXT

PC RS 232

GLP

230 V

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

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 80, **KERN RH-A02**

AUTO temperature calibration set with automatic adjustment function using RS 232 C, **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 Printer interval 30 sec
4 Printout in moisture %
5 Switch off mode
6 Type of drying *Standard*
7 Previous drying time
8 Status bar
9 Current temperature
10 Type of drying *Standard*
11 Target temperature
12 Drying process active

Technical data for all models		
Readout **d**		0,001 g oder 0,01 %
Weighing ra. **Max** = maximum weight of sample		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 %
Residual weight [g] [(RG)		Absolute value in [g]
Display can be switched at any time		

Heating / temperature setting

Temperature range 50° – 160°C		in steps up to 1°C

Standard drying   Drying in levels
Gentle drying   Pre-heat level

Heater type halogen: Temperature range 50° - 160°C:

Switch off criteria

When the set time has expired	1 min - 9 h 59 min
When the weight loss per time unit is less than the target - value, both values can be adjusted	mg/sec

Recall of measurement

Interval can be set from	1 sec – 5 min

Only when used with printer KERN YKB-01 or PC

Enhanced functions

• Balance internal memory for the automatic processing of 99 complete drying processes. 12 free digits for each memory
• Net weighing assistance to a defined target value [g] with adjustable tolerance range 1% - 25% of the target value
• Simple "step-by-step" user guidance in the display in the following languages German, English, French, Italian, Spanish, Polish
• Can be connected to PC keyboard

Overall dimensions WxDxH 210x335x156 mm
Net weight approx. approx. 6,3 kg

KERN MLS 50-3HA160N