



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

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

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

Halogen quartz glass heaters
400 W

STANDARD



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

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

Moisture analysers



AVON CORPORATION LTD
An ISO 9001:2000 Certified

Regd Off.: 15/B, 2nd Floor, Kamal Kunj, S.V.Road, Irla Bridge, Andheri(West),
Mumbai - 400 058, India. Board line: +91 22 6680 4040 Fax: +91 22 2671 7475
email: marketing@avon.co.in Visit us at: www.avon.co.in