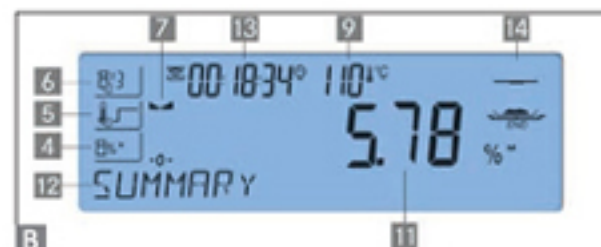
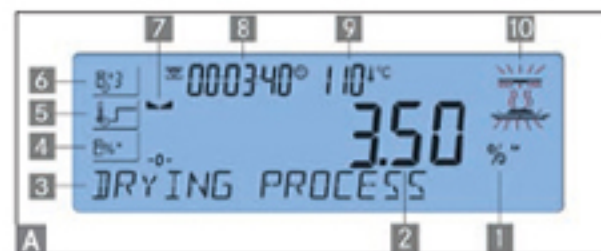


# Moisture analyser KERN MLS-D

NEW



## Features

- Backlit graphic display, digit height 14mm
- **Display during the drying process:**
  - 1 Moisture display in %
  - 2 Interim result in moisture-%
  - 3 Drying process active
  - 4 Active result display
  - 5 Active heating profile
  - 6 Active switch-off criteria
  - 7 Stability display
  - 8 Previous drying time
  - 9 Current temperature
  - 10 Drying process active
- **Display after the drying process:**
  - 11 End result in moisture-%
  - 12 Active result display
  - 13 Drying process has finished
  - 14 Drying process finished
- **Infrared heater 400 W**
- **Observation window above the sample,** useful during initial setting
- **Balance contains memory** for automatic sequence of 100 complete drying programs (92 drying programs with optimised drying characteristics for rapid sample warming and therefore shorter drying times, pre-installed at the factory), 100 users with related authorisations, 1000 drying processes performed and 1000 weighing results (alibi memory)
- The last value measured remains on the display until it is replaced by a new measurement
- The large ventilation slots in the heating cover combined with the sample viewing window in the form of a metal grid, ensure that moisture exhausts quickly which leads to shorter drying times
- **10 sample plates included**
- **Application handbook:** There are many practical examples in the user manual

## Infrared moisture analyzer with graphics display and a vast database

STANDARD



OPTION



Model KERN	MLS 50-3D
Readout [d]	0,001 g / 0,01 %
Weighing range [Max]	50 g
Reproducibility, weight of sample 2 g	0,1 %
Reproducibility, weight of sample 10 g	0,02 %
Display after drying (Display can be switched over at any time)	
Moisture [%] = Moisture content (M) from wet weight (W)	0 - 100 %
Dry content [%] = Dry weight (D) from (W)	100 - 0 %
ATRO [%] [(W-D):D] · 100%	0 - 999 %
Moisture content (M)	Absolute value in [g]
Temperature range	40 °C - 160 °C in steps up to 1 °C
Drying modes	<ul style="list-style-type: none"> <li>Standard drying</li> <li>Drying in levels</li> <li>Gentle drying</li> <li>Rapid drying</li> </ul>
Switch off criteria	<ul style="list-style-type: none"> <li>• Automatic switch off (AUTO 1 - 5)</li> <li>• Automatic unrestricted switch off (selectable 1 - 10 mg / 10-120 s)</li> <li>• Time controlled switch off (1 min - 99 h 59 min)</li> <li>• Manual switch off at the press of a button</li> </ul>
Recall of measurement	Interval can be set from 1 sec - 10 min (Only when used with printer KERN YKB-01N or PC)
Overall dimensions WxDxH	206x333x192 mm
Net weight	approx. 4,9 kg

## Accessories

- **Sample plates aluminium, Ø 90 mm.** Unit of 80 pieces, KERN MLB-A01A
- **Round fiberglass filter** e.g. for samples that splash or become encrusted. Box with 100 pieces, KERN RH-A02
- **Temperature calibration set** consists of measuring sensor and display device, KERN MLB-A12
- **Protective working cover** standard. Can be re-ordered, scope of delivery: 5 items, KERN ALS-A02S05
- **Thermal printer, KERN YKB-01N**