BALANCES & TEST SERVICE 2024

Moisture Analyser

Moisture Analyser KERN DLB



Moisture analyser with intuitive graphic display and step-by-step user guidance in 6 languages

4 Select shut-off criteria

5 Setting to zero/taring

During measurement:

7 Current temperature

8 Current heating profile

9 Active switch-off criteria

bmDisplay current drying parameters

bn Toggle the unit for displaying the results

bk Abort drying process

bl Stop drying process

6 Stand-by

Features

- · Rapid and efficient operation thanks to the graphics display
- Backlit LCD graphic display, digit height 11 mm · 6 direct keys for rapid access
- to the main functions

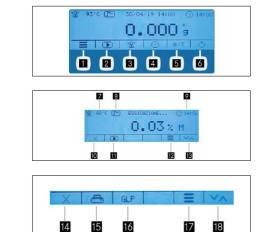
Home screen:

1 Main menu

- ${\bf 2} \ {\rm Start} \ {\rm drying} \ {\rm process}$
- 3 Select drying temperature

STANDARD	OPTION						
i i i	• 6882.•	GLP	\mathcal{C}				DAkkS
CAL EXT	RS 232	PRINTER	UNIT	230 V	DMS	1 DAY	+3 DAYS

KERN	DLB 160-3A				
Readability [d] Weight/Moisture (%)	0,001 g / 0,01%				
Weighing capacity [Max]	160 g				
Reproducibility weight of sample 2 g*	0,15%				
Reproducibility weight of sample 10 g*	0,05%				
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)	Absolutwert in [g]				
Temperature range (in steps up to)	35 °C – 160 °C (1 °C)				
Drying modes	J Standard drying J Rapid drying, preheating can be switched on				
Switch-off criteria	 Automatic unrestricted switch-off (Selectable loss in weight 1 mg/30 s-10 mg/30 s) Time controlled switch-off (1 min - 99 min) Manual switch-off at the press of a button 				
Log output	Interval adjustable (5 s - 250 s)				
Overall dimensions W×D×H	240×365×180 mm				
Net weight	4,82 kg				
Price excl. of VAT ex works €					
Option DAkkS Calibr. Certificate Mass	KERN 963-127				
Option DAkkS Calibr. Certificate Temperature	KERN 964-305				
* application-dependent	ONLY WHILE STOCKS LAST				





At the end of the measurement:

- bo Exit drying program
- bpPrint measurement report
- bq (De)activate, edit GLP parameters br Display detailed result
- bs Toggle the unit for displaying the results
- 400 W halogen-quartz glass heater • User guidance in 6 languages (DE, EN, FR, IT, ES, PT)
- · Automatic taring when starting a measurement by closing the lid
- The last value measured remains on the display until it is replaced by a new measurement
- bt Internal GLP; printout of balance ID, project ID, user ID, values determined by the drying process etc.
- · 10 sample plates included
- Protective working cover included with delivery
- · Application handbook: In the download centre you will find a practical application handbook containing many examples, field reports, settings and tips for each KERN moisture analyser

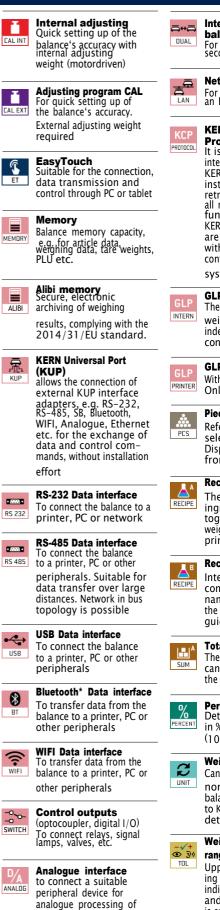
Accessories

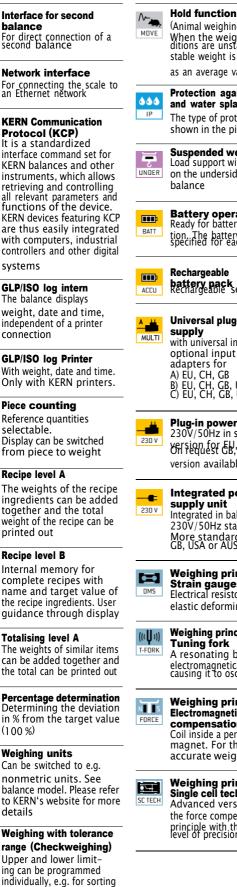
- Protective working cover, scope of delivery 5 items, KERN ALJ-A01S05
- Sample plates aluminium, \emptyset 90 mm, unit of 80 pieces, KERN MLB-A01A
- Round fiberglass filter, medium mechanical stability, without organic binder, box of 100 pieces, KERN RH-A02
- Round fiberglass filter, medium mechanical stability, without organic binder, box of 100 pieces, KERN YMF-A01
- · Temperature calibration set consists of measuring sensor and display device KERN DLB-A01N.
- Thermal printer, KERN YKB-01N
- Matrix needle printer, to print the weights on normal paper, ideal for long-term archiving, KERN 911-013



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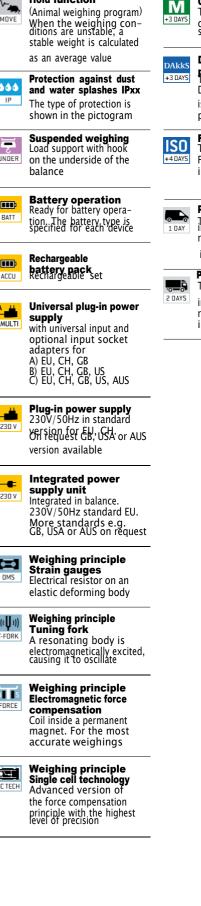
KERN Pictograms







the measurements



Conformity Assessment The time required for conformity assessment is specified in the pictogram

DAkkS calibration

possible (DKD) The time required for DAkkS calibration is shown in days in the pictogram

Factory calibration (ISO) The time required for Factory calibration is shown in days in the pictogram

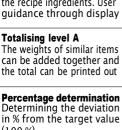
Package shipment

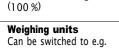
The time required for internal shipping preparations is shown in days

in the pictogram

Pallet shipment The time required for

internal shipping preparations is shown in days in the pictogram





nonmetric units. See balance model. Please refer to KERN's website for more details

range (Checkweighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

