

KERN DAB 100-3

KERN

Particularly user-friendly moisture analyzer with high-quality halogen quartz glass heater



Display

Display digit height	14 mm
Display backlight	✓

Construction

Dimensions completely mounted (W×D×H)	240×365×180 mm
Dimensions weighing surface (Ø)	92 mm
Material housing	cast aluminium, plastic
Material weighing plate	aluminium sample plates
Levelling feet adjustable	✓
Heat generation capacity (W)	400

Functions

Number of keys for operation	9
Tare function	manual (multi)
Memory function	✓
Memory - number of sample (descriptions)	5
Memory - number of results	5
Memory - number of drying programs	15
Interfaces	RS-232 standard

Power Supply

Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	230 V AC, 50 Hz
Plug-in power supply type	Built-in power supply
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH

Environmental conditions

Humidity of environment [Min]	5 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	490×350×350 mm
Net weight approx.	5,0 kg

Category

Brand	KERN
Product category	Laboratory balances
Product group	Moisture analyser

Measuring System

Readability [d]	0,001 g
Readability moisture [d] (%)	0,01%
Weighing capacity [Max]	110 g
Eccentric loading at 1/3 [Max]	0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Temperature [Min] (°C)	40 °C
Temperature [Max] (°C)	199 °C
Reproducibility	0,001 g
Linearity	± 0,003 g
Weighing system	Strain gauge
Resolution	110.000
Tare range	110 g
Units	g % Humidity % Dry mass
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 g (F2)
Possible calibration points	100 g

Approval

CE mark	✓
---------	---

KERN DAB 100-3



Particularly user-friendly moisture analyzer with high-quality halogen quartz glass heater

Gross weight approx. 8 kg

Services (optional)

Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

Article number for factory calibration (temperature) 964-305

Piktogramme

STANDARD



OPTION

