

KERN DBS 60-3

KERN

Moisture analyser with high-quality single-cell weighing system for outstanding stability, reliability and response speed



Display

Display digit height	15 mm
Display backlight	✓

Construction

Dimensions completely mounted (W×D×H)	204×336×167 mm
Dimensions weighing surface (Ø)	95 mm
Material housing	cast aluminium, plastic
Material display housing	Cast aluminium
Material weighing plate	stainless steel
Levelling feet adjustable	✓
Heat generation capacity (W)	400

Functions

Number of keys for operation	11
Tare function	manual (multi)
Standby function	✓
Memory function	✓
Memory - number of sample (descriptions)	99
Memory - number of results	100
Memory - number of drying programs	10
Interfaces	RS-232 standard USB-Device

Power Supply

Input voltage power supply / power [Max]	220 V - 240 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]	85 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service

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]	60 g
Eccentric loading at 1/3 [Max]	0,002 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Temperature [Min] (°C)	50 °C
Temperature [Max] (°C)	200 °C
Reproducibility	0,001 g
Linearity	± 0,003 g
Weighing system	Single-Cell
Resolution	60.000
Tare range	60 g
Units	g % Humidity % Dry mass % ATRO
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 g (F1)
Possible calibration points	50 g

Approval

CE mark	✓
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Dimensions packaging (W×D×H)	347×470×373 mm
Net weight approx.	4,6 kg
Gross weight approx.	7 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
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

