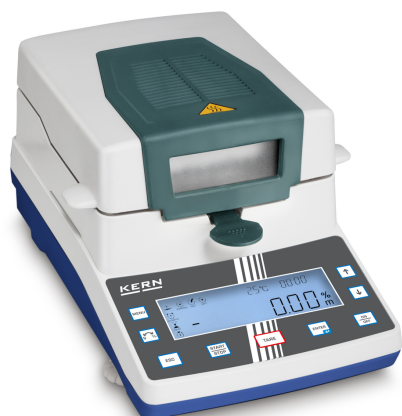


KERN DAB 200-2IR

KERN

Particularly user-friendly moisture analyzer with high-quality infrared quartz glass heater - ideal for recurring rapid tests



Category	
Brand	KERN
Product category	Laboratory balances
Product group	Moisture analyser

Measuring System	
Readability [d]	0,01 g
Readability moisture [d] (%)	0,05%
Weighing capacity [Max]	200 g
Eccentric loading at 1/3 [Max]	0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Temperature [Min] (°C)	40 °C
Temperature [Max] (°C)	160 °C
Reproducibility	0,01 g
Linearity	± 0,03 g
Weighing system	Strain gauge
Resolution	20.000
Tare range	200 g
Units	g % Humidity % Dry mass
Units (if device is conformity assessed)	g
Default unit	g
Stabilization time	3 s
Warm-up time	30 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F2)
Possible calibration points	200 g
Load cell connection	4-guide

Approval	
CE mark	✓

Display	
Display digit height	14 mm
Display backlight	✓
Display screen size	5.4"

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
Material load cell(s)	aluminium
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 - optional	UK
Battery	no battery

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

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Shipping method	Parcel service
Dimensions packaging (W×D×H)	490×350×360 mm
Net weight approx.	5,0 kg
Gross weight approx.	8 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

