KERN **DAB 200-2**
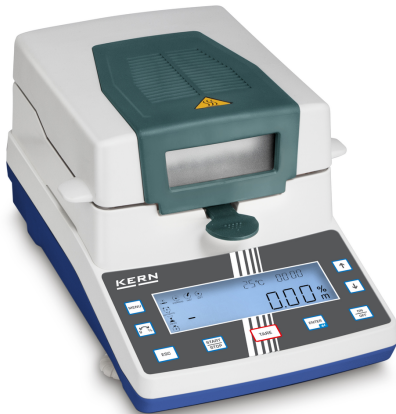
Particularly user-friendly moisture analyzer with high-quality halogen quartz glass heater - ideal for recurring rapid tests

Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Moisture analyser
Product family	DAB

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	200 g
Temperature [Min] (°C)	40 °C
Temperature [Max] (°C)	199 °C
Readability [d]	0,01 g
Resolution	20.000
Linearity	± 0,03 g
Reproducibility	0,01 g
Reproducibility weight of sample 2 g	1,5%
Reproducibility weight of sample 10 g	0,3%
Tare range	200 g
Default unit	g
Units	g % Humidity % Dry mass
Units (if device is conformity assessed)	g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Temperature increment	1 °C
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F2)

Possible calibration points	200 g
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,05 g
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 mg
Load cell connection	4-wire
Readability moisture [d] (%)	0,05%

Approval

CE mark	✓

Display

Display type	graphic
Display screen size	5.4"
Display backlight	✓
Display digit height - smallest digit	6 mm
Display digit height	14 mm

Construction

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

Functions

Number of keys for operation	9
Auto-off interval(s) in mains power mode	off
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
Drying modes	Standard drying Rapid drying Gentle drying
Switch-off criteria	time controlled automatic manual

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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 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
Battery	no battery

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	490×350×360 mm
Net weight	4,82 kg
Shipping method	Parcel service
Net weight approx.	5,0 kg
Gross weight approx.	8 kg
Shipping weight	12,3 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for factory calibration (temperature)	964-305
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT | MEMORY | RS 232 | GLP PRINTER | UNIT | 230 V | DMS | 1 DAY

OPTION

DAkkS +3 DAYS