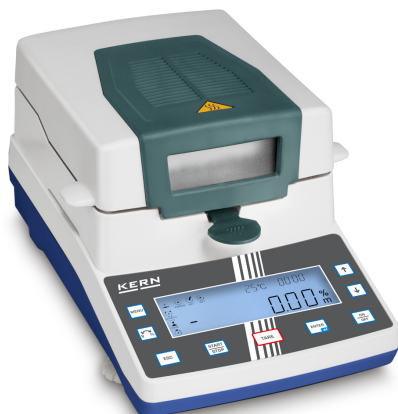


# KERN DAB 200-2IR

**KERN**

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



## Category

Brand	KERN
Product category	Laboratory 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
Readability [d]	0,01 g
Readability moisture [d] (%)	0,05%
Temperature increment	1 °C
Reproducibility	0,01 g
Reproducibility weight of sample 2 g	1,5%
Reproducibility weight of sample 10 g	0,3%
Linearity	± 0,03 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Resolution	20.000
Tare range	200 g
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
Default unit	g

Units	g % Humidity % Dry mass
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Units (if device is conformity assessed)	g
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Temperature [Min] (°C)	40 °C
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Temperature [Max] (°C)	160 °C
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Load cell connection	4-wire
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## Display

Display type	graphic
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Display backlight	✓
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Display screen size	5.4"
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Display segments	7
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Display digit height - smallest digit	6 mm
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Display digit height	14 mm
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## Construction

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

Drying modes	Standard drying Rapid drying Gentle drying
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Memory - number of drying programs	15
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Switch-off criteria	time controlled automatic manual
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Memory function	✓
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Memory - number of results	5
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Memory - number of sample (descriptions)	5
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Auto-off interval(s) in mains power mode	off
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Tare function	manual (multi)
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Number of keys for operation	9
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## Interface

Interfaces	RS-232 standard
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## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - optional	UK
Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	230 V AC, 50 Hz
Battery	no battery

## Environmental conditions

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

## Approval

CE mark	✓
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## 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

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	490×350×360 mm
Shipping method	Parcel service
Net weight approx.	5,0 kg
Gross weight approx.	8 kg
Shipping weight	12,3 kg

## Pictograms

### STANDARD



### OPTION

