

KERN EMB 200-3V



School balance with integrated density determination function



Kategorie

Brand	KERN
Product category	Laboratory balance
Product group	School balance
Product family	EMB-V

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	200 g
Weighing capacity [Max] (ct)	1000 ct
Readability [d]	0,001 g
Readability carat [d] (ct)	0,005 ct
Resolution	200.000
Linearity	± 0,005 g
Reproducibility	0,002 g
Default unit	g
Units	g ct
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1)
Stabilization time	2,5 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	15 mm

Construction

Dimension housing (W×D×H)	175×250×55 mm
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (Ø)	82 mm

Functions

Number of keys for operation	9
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Density determination	✓
Underfloor weighing	Hook
Interfaces	RS-232 standard

Power Supply

Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery included
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	US
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	50 h
Battery	9 V block
Battery / accumulator type	Alkali(-Manganese)
Battery voltage	9 V
Battery operating time	12 h

Environmental conditions

Humidity of environment [Min]	5 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

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Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	220×290×150 mm
Net weight approx.	0,85 kg
Gross weight approx.	1,6 kg
Shipping weight	1,9 kg

Services (optional)

Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

