

KERN EFS 3000-1

KERN

Perfect school balances for experimental teaching - easy to use, space-saving, stackable



Languages of the user interface	Symbol language
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Construction

Dimension housing (W×D×H)	145×205×46,5 mm
Dimensions weighing platform (W×D×H)	130×125×10 mm
Dimensions weighing surface (Ø)	120 mm
Dimensions weighing surface (W×D)	134×127 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	plastic
Material platform	Plastics

Functions

Number of keys for operation	2
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 1 min 30 sec
Capacity display	✓
Tare function	manual (multi)
IP protection - complete device	-

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Battery
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	50 h
Battery	4×1.5 V AA
Battery operating time	200 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	255×200×70 mm
Net weight approx.	0,55 kg
Gross weight approx.	0,60 kg

Category

Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	3000 g
Number of weighing ranges	1
Eccentric loading at 1/3 [Max]	0,5 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Linearisation in dots	2
Weighing system	Strain gauge
Resolution	30.000
Units	g gn dwt ozt lb oz
Default unit	g
Stabilization time	2,5 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (F2)
Possible calibration points	3 kg

Approval

CE mark	✓
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Display

Display type	LCD
Display digit height	15 mm
Display backlight	no
Display screen size	55×23 mm

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Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127

Piktogramme

STANDARD



OPTION

