

KERN EFS 3000-1

KERN

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



Category	
Brand	KERN
Product category	Laboratory balance
Product group	School balance
Product family	EFS

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	3000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Resolution	30.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (F2)
Possible calibration points	3 kg
Stabilization time	2,5 s
Warm-up time	120 min
Linearisation in dots	2
Eccentric loading at 1/3 [Max]	0,5 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg
Default unit	g
Units	g
	gn
	dwt
	ozt
	lb
	oz

Display	
Display type	LCD
Display type	LCD
Display backlight	no
Display screen size	55×23 mm
Display segments	5 + 1/2
Display digit height	15 mm
Languages of the user interface	Symbol language

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

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

Power Supply	
Supplied power supply	Battery
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO
	UK
	US CH
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring

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Battery operating time 200 h

Battery voltage 6 V

Environmental conditions

Ambient temperature [Min] 10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Max] 80 %

Approval

CE mark ✓

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 969-517

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 255×200×70 mm

Shipping method Parcel service

Net weight approx. 0,55 kg

Gross weight approx. 0,60 kg

Shipping weight 0,7 kg

Pictograms

STANDARD



OPTION

