KERN **EFS 3000-1**

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



Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	School balance
Product family	EFS

Measuring System

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
Construction type of the scale	Single-range balance
Units	g gn dwt ozt lb oz
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg
Default unit	g

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
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
Power supply cable removable	removable
Input voltage device / power [Max]	6 V, 1 A
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

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Battery connection	Pad + Spring
Battery operating time	200 h
Battery voltage	6 V
Battery – Individual weight	92 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Humity 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

Product information

GTIN/EAN number	4045761252905
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

