KERN **EFS 2000-0S05**

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

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	2200 g
Readability [d]	1 g
Reproducibility	1 g
Linearity	± 3 g
Resolution	2.200
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (M1)
Possible calibration points	2 kg
Stabilization time	2,5 s
Warm-up time	10 min
Linearisation in dots	2
Eccentric loading at 1/3 [Max]	3 g
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
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	Plastics
Material display housing	Plastics

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
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	200 h
Battery voltage	30 V

Environmental conditions

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

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Approval	
CE mark	✓

Services (optional)	
Article number for adjustment at the location of installation	961-247S05
Article number for DAkkS calibration	963-127S05.
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.	3,0 kg
Shipping weight	3 kg

Pictograms

STANDARD



OPTION

