KERN **EFS 5000-0S05**

KERN

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
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	5200 g
Readability [d]	1 g
Resolution	5.200
Linearity	± 3 g
Linearisation in dots	2
Reproducibility	1 g
Default unit	g
Units	g gn dwt ozt lb oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M2)
Possible calibration points	5 kg
Stabilization time	2,5 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	3 g
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g

Approval

CE mark	✓

Display

Display type	LCD
Display type	LCD
Display screen size	55×23 mm
Display backlight	no
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 platform (W×D×H)	130×125×10 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	plastic
Material platform	Plastics
Dimensions weighing surface (W×D)	134×127 mm

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]	5,9V, 1A
Plug-in power supply type	Power adapter
Supplied power supply	Battery
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery voltage	30 V
Battery operating time	200 h

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Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	255×200×70 mm
Net weight	0,52 kg
Shipping method	Parcel service
Net weight approx.	0,55 kg
Gross weight approx.	3,0 kg
Shipping weight	3 kg

Services (optional)

Article number for adjustment at the location of installation	961-248S05
Article number for DAkkS calibration	963-128S05
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

| CAL EXT | UNIT | BATT | DMS | 1 DAY |

OPTION

| MULTI | DAkkS +3 DAYS |