

KERN FCE 30K10N

Entry-level bench scale – mobile, practical, lightweight

KERN



Category

Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	FCE

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30000 g
Readability [d]	10 g
Reproducibility	10 g
Linearity	± 30 g
Resolution	3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M2)
Possible calibration points	30 kg
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	50 g
Construction type of the scale	Single-range balance
Units	kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg

Display

Display type	LCD
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	270×323×110 mm
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Dimensions weighing surface (W×D)	253×228 mm
Dimensions weighing surface	253×228 mm
Dimensions weighing platform (W×D×H)	252×228×12,5 mm
Material housing	plastic
Material weighing plate	plastic

Functions

Underfloor weighing	None
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	2

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	9 V, 300 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø inside 2,1 mm, Ø outside 5,5 mm, long 12 mm
Battery	9 V block
Battery operating time	12 h
Rechargeable battery	FCB-A01
Rechargeable battery operating time - backlight off	20 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %

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Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Approval

CE mark ✓

Services (optional)

Article number for adjustment at the location of installation 961-248

Article number for DAkkS calibration 963-128

Article number for certificate of conformity 969-517

Packing & Shipping

Delivery time 1 d

Dimensions packaging (W×D×H) 335×400×187 mm

Shipping method Parcel service

Net weight approx. 2,4 kg

Gross weight approx. 3,0 kg

Shipping weight 5 kg

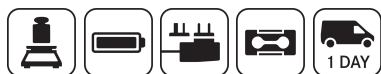
Product information

GTIN/EAN number 4045761202726

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

