KERN **FCE 6K2N**

Entry-level bench scale – mobile, practical, lightweight



Date of creation: 14.11.2026

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	2 g
Reproducibility	2 g
Linearity	± 4 g
Resolution	3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M2)
Possible calibration points	6 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	10 g
Construction type of the scale	Single-range balance
Units	g
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Default unit	g
Warm-up time	10 min

Display

Display type	LCD
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	270×323×110 mm
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

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)
Underfloor weighing	None
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
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

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Humity of environment [Max]	80 %
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

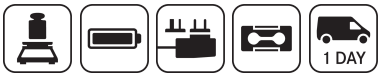
Delivery time	1 d
Dimensions packaging (W×D×H)	340×400×190 mm
Shipping method	Parcel service
Net weight approx.	2,4 kg
Gross weight approx.	3,0 kg
Shipping weight	5,2 kg
Shipping volume weight	5,2 kg

Product information

GTIN/EAN number	4045761202719
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

