

KERN FCE 3K1N

KERN

Entry-level bench scale – mobile, practical, lightweight



Construction

Dimension housing (W×D×H)	270×323×110 mm
Dimensions weighing platform (W×D×H)	252×228×25 mm
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (W×D)	253×228 mm

Functions

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

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	20 h
Battery	9 V block
Battery operating time	12 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 g
Readability [d]	1 g
Resolution	3.000
Linearity	± 3 g
Reproducibility	2 g
Default unit	g
Units	g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M2)
Possible calibration points	3 kg
Stabilization time	3 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	✓
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Display

Display type	LCD
Display digit height	25 mm

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Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	335×400×185 mm
Net weight	2,286 kg
Shipping method	Parcel service
Net weight approx.	2,4 kg
Gross weight approx.	3,0 kg
Shipping weight	5 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION

