

KERN FXN 30K-2M

KERN

Bench scale, protected by stainless steel and protection type IP68, verification optional



Category

Brand	KERN
Product category	Industrial scale
Product group	IP protected bench scale
Product family	FXN

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	30 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Load cell - load cell resistance [Max] (Ohm)	1050
Linearity	± 0,01 kg
Minimum weight [Min] (verifiable)	0,2 kg
Resolution	3.000
Tare range	30 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	15 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,01 kg
Construction type of the scale	Single-range balance
Units	kg g
Units (if device is conformity assessed)	kg
Default unit	g
Loadcell type	ZEMIC L6D (C3)

Display

Display type	LCD
Display backlight	✓
Display segments	6
Display digit height	25 mm

Construction

Dimension housing (W×D×H)	240×280×120 mm
Dimensions completely mounted (W×D×H)	240×280×120 mm
Dimensions weighing surface (W×D)	236×195 mm
Dimensions weighing surface	236×195 mm
Material housing	stainless steel, plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Load cells - number	1

Functions

Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	6.000
Smallest piece weight when piece counting - laboratory conditions	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	IP68
	3 min
	6 min
	8 min
	off
Auto-off interval(s) in battery mode/rechargeable battery mode	4 min
	5 min
	2 min
	1 min
	7 min
	9 min
Tare function	manual (multi)
Number of keys for operation	5

Power Supply

Supplied power supply	Battery
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Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V Size D
Battery connection	Battery insert
Battery operating time - backlight on	200 h
Battery operating time - backlight off	400 h
Battery operating time	500 h
Battery capacity	18.000 mAh
Battery voltage	6 V
Battery - Number of cells	4
Battery - Individual weight	140 g
Battery - Total weight	560 g
Battery - Construction	Individual cells
Battery capacity (Wh)	27 Wh
Battery - Lithium content	0 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	25 %
Humidity of environment [Max]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,01 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
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)	325×365×225 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg

Gross weight approx.	4,4 kg
Shipping weight	5,3 kg
Shipping volume weight	5,3 kg

Product information

GTIN/EAN number	4045761180260
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

