

# KERN FXN 6K-3M

# 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]	6 kg
Readability [d]	0,002 kg
Reproducibility	0,002 kg
Load cell - load cell resistance [Max] (Ohm)	1050
Linearity	± 0,002 kg
Minimum weight [Min] (verifiable)	0,04 kg
Resolution	3.000
Tare range	6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	6 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,002 kg
Construction type of the scale	Single-range balance
Units	kg g
Units (if device is conformity assessed)	g
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	1 g
Smallest piece weight when piece counting - normal conditions	10 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]	0,002 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.	3,0 kg

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

## Product information

GTIN/EAN number	4045761180253
Trade number	84238129
REACH classification	no prohibited substances

## Pictograms

### STANDARD



### OPTION



### FACTORY

