

KERN FXN 6K-3N



Bench scale, protected by stainless steel and protection type IP68



Category

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

Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,001 kg
Resolution	6.000
Linearity	± 0,002 kg
Reproducibility	0,001 kg
Tare range	-6 kg
Default unit	kg
Units	kg lb PCS
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	6 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,003 kg
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Loadcell type	628HZ-0.4

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
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
Material housing	stainless steel, plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	236×195 mm
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
	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)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
IP protection - complete device	IP68

Counting

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
Counting resolution (laboratory conditions)	6.000

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Power Supply

Supplied power supply	Battery
Battery	4×1.5 V Size D
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Battery insert
Battery voltage	6 V
Battery operating time	200 h
Battery operating time - backlight on	200 h
Battery operating time - backlight off	400 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×365×225 mm
Net weight	3,16 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	3,8 kg
Shipping weight	5,3 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION

