KERN **FXN 3K-4N**

Bench scale, protected by stainless steel and protection type IP68

Category

Brand	KERN
Product categoriy	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]	3 kg
Readability [d]	0,0005 kg
Reproducibility	0,0005 kg
Linearity	± 0,001 kg
Resolution	6.000
Tare range	3 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Possible calibration points	3 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,0015 kg
Construction type of the scale	Single-range balance
Units	kg g lb PCS
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Default unit	kg
Loadcell type	628HZ-0.4

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	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	IP68
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 6 min 8 min off 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	200 h
Battery voltage	6 V
Battery – Individual weight	560 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
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.	4,0 kg
Shipping weight	5,3 kg

Product information

GTIN/EAN number	4045761183940
REACH classification	no prohibited substances

Pictograms

STANDARD

OPTION