

KERN FXN 3K-4N

Bench scale, protected by stainless steel and protection type IP68



Approval

CE mark ✓

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 500 mg
 Smallest piece weight when piece counting - normal conditions 5 g
 Reference quantity 10, 20, 50, 100, 200
 Counting resolution (laboratory conditions) 6.000

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] 3 kg
 Readability [d] 0,0005 kg
 Resolution 6.000
 Linearity ± 0,001 kg
 Reproducibility 0,0005 kg
 Tare range -3 kg
 Default unit kg
 Units kg
 lb
 PCS
 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
 Maximum creep (15 minutes) 2 g
 Maximum creep (30 minutes) 4 g
 Loadcell type 628HZ-0.4

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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.	4,0 kg
Shipping weight	5,3 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

