KERN **FXN 3K-3M**

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

Category

Brand	KERN
Product categoriy	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]	0,001 kg
Resolution	3.000
Linearity	± 0,001 kg
Reproducibility	0,001 kg
Tare range	-3 kg
Default unit	g
Units	kg g
Units (if device is conformity assessed)	g
Minimum weight [Min]	0,02 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	10 min
Eccentric loading at 1/3 [Max]	0,001 kg
Loadcell type	ZEMIC L6D (C3)

Zulassung

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,001 kg
Conformity assessment possible ex works	✓

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
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	✓
Level indicator	✓

Functions

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

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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

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	500 h
Battery operating time - backlight on	200 h
Battery operating time - backlight off	400 h

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×365×225 mm
Net weight	3,208 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	5,3 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for conformity assessment	965-227
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT	PCS	UNIT	TOL	IP 68	BATT	DMS	1 DAY

OPTION

DAkkS +3 DAYS

FACTORY

M +3 DAYS