

# KERN FXN 10K-3M



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



## Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,005 kg
Conformity assessment possible ex works	✓

## 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

## 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]	15 kg
Readability [d]	0,005 kg
Resolution	3.000
Linearity	± 0,005 kg
Reproducibility	0,005 kg
Tare range	-15 kg
Default unit	g
Units	kg g
Units (if device is conformity assessed)	g
Minimum weight [Min]	0,1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (M1)
Possible calibration points	15 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,005 kg
Loadcell type	ZEMIC L6D (C3)

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## Counting

Smallest piece weight when piece counting - laboratory conditions	2 g
Smallest piece weight when piece counting - normal conditions	20 g
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	7.500

## 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

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 conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

