

KERN FXN 30K-2M

KERN

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



Loadcell type ZEMIC L6D (C3)

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	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	IP68

	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)
Number of keys for operation	5

Category	
Brand	KERN
Product category	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]	30 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,01 kg
Minimum weight [Min]	0,2 kg
Resolution	3.000
Tare range	30 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Possible calibration points	15 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,01 kg
Units (if device is conformity assessed)	kg
Construction type of the scale	Single-range balance
Units	kg
	g
Default unit	g
Load cell - load cell resistance [Min] (Ohm)	87
Load cell - load cell resistance [Max] (Ohm)	1050

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Power Supply

Supplied power supply	Battery
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	500 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
Humidity of environment [Min]	25 %
Humidity of environment [Max]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,01 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	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.	4,4 kg
Shipping weight	5,3 kg

Product information

GTIN/EAN number	4045761180260
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

