

KERN IFS 10K-4

Industrial counting scale with convenient decimal keypad for easy data entry, counting resolution 75.000 points



Display digit height 16,5 mm

Construction

Dimensions completely mounted (W×D×H)	695×420×230 mm
Dimension display device (W×D×H)	260×150×65 mm
Dimensions weighing surface (W×D)	300×240 mm
Dimensions weighing surface	300×240 mm
Dimensions weighing platform (W×D×H)	300×240×110 mm
Material weighing plate	stainless steel
Material platform	mild steel
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	330 mm
Stand inclinable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m
Load cells - number	1

Functions

Sum memory function	✓
Recipe/summing level	Sum A
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	75.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	n (any number of pieces)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection
IP protection - load cell	IP65
Peak function	✓
Memory function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off

Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	IFS

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6 kg; 15 kg
Readability [d]	0,0001 kg; 0,0002 kg
Reproducibility	0,0001 kg; 0,0002 kg
Linearity	± 0,0004 kg; 0,0008 kg
Resolution	60.000, 75.000
Tare range	15 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (F2)
Possible calibration points	15 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,0005 kg; 0,001 kg
Load cell connection	6-wire
Construction type of the scale	Multi-division balance
Units	kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Default unit	kg
Loadcell type	ZEMIC L6D (C3)

Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	13,5 mm

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Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	21

Interface	
Interfaces	RS-232 standard

Power Supply	
Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Power supply - Cable length	180 cm
Input voltage power supply / power [Max]	100 - 240 V~ 50/60 Hz 190 mA
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA

Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
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Battery / accumulator type	Pb
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions	
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval	
CE mark	✓

Services (optional)	
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)	695×405×220 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	12,4 kg

Product information	
GTIN/EAN number	404576 1144866
Trade number	84238 129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

