

KERN IOC 10K-3M



Allround platform scale with a wide range of communication options, verification optional



Category

Brand	KERN
Product category	Industrial scale
Product group	Platform scale
Product family	IOC

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg; 15 kg
Readability [d]	0,002 kg; 0,005 kg
Resolution	3.000, 3.000
Linearity	± 0,002 kg; 0,005 kg
Linearisation in dots	3
Reproducibility	0,002 kg; 0,005 kg
Tare range	-15 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,04 kg; 0,1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,002 kg; 0,005 kg
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,002 kg; 0,005 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display type	LCD
Display screen size	110×35 mm
Display backlight	✓
Display digit height - smallest digit	25 mm
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	268×115×80 mm
Dimensions weighing platform (W×D×H)	300×240×110 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	mild steel
Dimensions weighing surface (W×D)	300×240 mm
Display device cable length	3 m
Transport safety lock - bolt torque	0,01 Nm
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓
Stand inclinable	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
PreTare function	✓

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Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000

Interfaces	RS-232 standard	
	Ethernet (optional, factory)	
	USB (optional, factory)	
	WiFi (optional, factory)	
	Alibi memory (optional, factory)	
	USB-Host/Master (optional, factory)	
	Verification plug (optional, factory)	
	Bluetooth BLE (v4.0) (optional, factory)	
	IP protection - complete device	IP65
	IP protection - display	IP65
IP protection - load cell	IP65	
IP protection - platform	IP65	

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)	30.000

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Input voltage device / power [Max]	12 V DC, 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	3 h
Rechargeable battery operating time - backlight on	26 h
Rechargeable battery operating time - backlight off	43 h
Battery / accumulator type	Pb
Battery operating time	100 h

Environmental conditions	
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	710×360×185 mm
Net weight	5,41 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	9,5 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

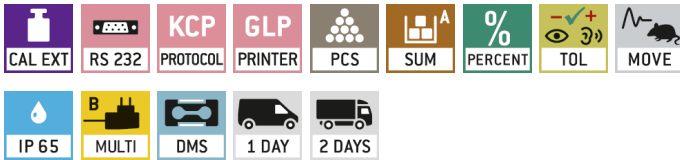
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Pictograms

STANDARD



OPTION



FACTORY

