

# KERN IOC 60K-2M

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



Verification scale interval [e]	0,01 kg; 0,02 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)	400×300×110 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	mild steel
Dimensions weighing surface (W×D)	400×300 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
Auto-off interval(s) in battery mode/rechargeable battery mode	15 min
	3 min
	off
	5 min
PreTare function	30 min
	15 min
	✓
	✓

Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

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

Measuring System	
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg; 60 kg
Readability [d]	0,01 kg; 0,02 kg
Resolution	3.000, 3.000
Linearity	± 0,01 kg; 0,02 kg
Linearisation in dots	3
Reproducibility	0,01 kg; 0,02 kg
Tare range	-60 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,2 kg; 0,4 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	60 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,01 kg; 0,02 kg
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Approval	
CE mark	✓
Accuracy classe	III

# KERN IOC 60K-2M



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

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	2 g
Smallest piece weight when piece counting - normal conditions	20 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)	810×350×180 mm
Net weight	7,6 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	9 kg
Shipping weight	10,2 kg

Services (optional)	
Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-229
Article number for DAkKS calibration	963-129
Article number for certificate of conformity (verification)	969-517

# KERN IOC 60K-2M



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

## Pictograms

### STANDARD



### OPTION



### FACTORY

