

KERN IOC 600K-1M

KERN

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

Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 600 kg
Readability [d]	0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Linearity	± 0,1 kg; 0,2 kg
Minimum weight [Min]	2 kg; 4 kg
Conformity assessment possible	✓
Resolution	3.000, 3.000
Tare range	-600 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Linearisation in dots	3
Eccentric loading at 1/3 [Max]	0,1 kg; 0,2 kg
Load cell connection	4-wire
Units (if device is conformity assessed)	kg
Construction type of the scale	Multi-range balance
Units	kg
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
--------------	-----

Display type	LCD
Display backlight	✓
Display screen size	110×35 mm
Display segments	6
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 surface (W×D)	800×600 mm
Dimensions weighing surface	800×600 mm
Dimensions weighing platform (W×D×H)	800×600×151 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 inclinable	✓
Wall mount	✓
Display device cable length	3 m
Platform Construction	Single-Cell
Load cells - number	1

Functions

PreTare function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	300.000
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
IP protection - complete device	IP65

KERN IOC 600K-1M



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

IP protection - display	IP65
IP protection - platform	IP65
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
	off
	5 min
	30 min
	15 min
Auto-off interval(s) in mains power mode	3 min
	off
	5 min
	30 min
	15 min
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Ethernet (optional, factory) USB (optional, factory) WiFi (optional, factory) Alibi memory (optional, factory) USB-Host/Master (optional, factory)
------------	---

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
	UK
	US
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Power supply cable removable	removable
Input voltage device / power [Max]	12 V DC, 1000 mA
Power socket for mains adapter	Inside plus, outside minus
Battery / accumulator type	Pb
Battery operating time	100 h
Rechargeable battery	6 V; 1.3 Ah
Rechargeable battery operating time - backlight on	26 h
Rechargeable battery operating time - backlight off	43 h

Rechargeable battery charging time	3 h
Rechargeable battery optional	Rchrg. battery optional - intern
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 0,2 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for conformity assessment	965-230
Article number for DAkkS calibration	963-130
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1240×750×185 mm
Shipping method	Freight
Net weight approx.	32 kg
Gross weight approx.	38 kg
Shipping weight	37 kg

Product information

GTIN/EAN number	4045761207233
REACH classification	no prohibited substances

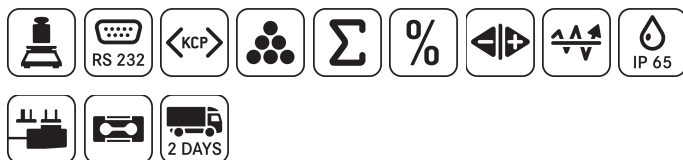
KERN IOC 600K-1M

KERN

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

Pictograms

STANDARD



OPTION



FACTORY

