

# KERN IOC 300K-3



High-resolution allround platform scale with a wide range of communication options



Load cell connection 6-wire

## Approval

CE mark ✓

## 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) 650×500×150 mm  
 Material display housing Plastics  
 Material weighing plate stainless steel  
 Material platform mild steel  
 Dimensions weighing surface (W×D) 650×500 mm  
 Display device cable length 3 m  
 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 ✓  
 Tare function manual (multi)  
 Percentage determination ✓  
 Counting function ✓  
 Tolerance weighing ✓

## 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] 150 kg; 300 kg  
 Readability [d] 0,005 kg; 0,01 kg  
 Resolution 30.000, 30.000  
 Linearity ± 0,015 kg; 0,03 kg  
 Linearisation in dots 3  
 Reproducibility 0,005 kg; 0,01 kg  
 Default unit kg

kg  
 g  
 lb  
 oz  
 PCS  
 tJ  
 HJ

Minimum weight [Min] 1 kg; 2 kg  
 Adjustment options Adjusting with external weight  
 Recommended adjusting weight 300 kg (M1)  
 Stabilization time 2 s  
 Warm-up time 120 min; 120 min  
 Eccentric loading at 1/3 [Max] 0,025 kg; 0,05 kg  
 Maximum creep (15 minutes) 40 g  
 Maximum creep (30 minutes) 80 g  
 Loadcell type aluminium IP65 silicone-coated

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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	10 g
Smallest piece weight when piece counting - normal conditions	100 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

Rechargeable battery charging time	3 h
Rechargeable battery operating time - backlight on	26 h
Rechargeable battery operating time - backlight off	43 h
Battery	no battery
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)	1050×740×175 mm
Net weight	21,9 kg
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	26 kg
Shipping weight	27,2 kg

## Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

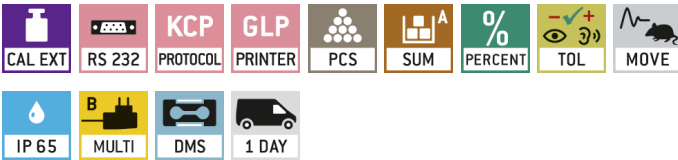
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## Pictograms

### STANDARD



### OPTION



### FACTORY

