KERN **EOC 10K-3A**

Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use

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

Construction

Dimension display device (W×D×H)	268×115×80 mm
Dimensions weighing platform (W×D×H)	300×300×110 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	mild steel
Dimensions weighing surface (W×D)	300×300 mm
Display device cable length	3 m
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓
Stand height	330 mm
Stand inclinable	✓

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Platform scale
Product family	EOC

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	12 kg
Readability [d]	0,001 kg
Resolution	12.000
Linearity	± 0,003 kg
Linearisation in dots	3
Reproducibility	0,001 kg
Tare range	12 kg
Default unit	kg
Units	kg g lb oz PCS
Adjustment options	Adjusting with external weight
Recommended adjusting weight	12 kg (M1)
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,005 kg
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

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
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓

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Recipe/summing level	Sum A
Sum memory function	✓
Interfaces	RS-232 standard
IP protection - complete device	-
IP protection - display	no IP protection
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)	24.000

Power Supply

Input voltage power supply / power [Max]	100 V-240 V, 0.4 A
Input voltage device / power [Max]	12 V, 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 CH
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

Humity of environment [Min]	0 %
Humity 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)	715×355×180 mm
Net weight	6,1 kg
Shipping method	Parcel service

Net weight approx.	7 kg
Gross weight approx.	8 kg
Shipping weight	9,1 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT | RS 232 | KCP PROTOCOL | GLP PRINTER | PCS | SUM | PERCENT | TOL | MOVE

IP 65 | MULTI | DMS | 1 DAY

OPTION

ACCU | DAkkS +3 DAYS