KERN **CDS 4K0.02**

Easy to use industrial counting scale for heavy loads, counting resolution up to 300,000 points, ideal for the diverse possibilities of Industry 4.0 applications

Languages of the user interface	English Symbol language

Construction

Dimension display device (W×D×H)	225×115×60 mm
Dimension housing (W×D×H)	225×115×60 mm
Dimensions weighing platform (W×D×H)	228×228×95 mm
Dimensions weighing surface (W×D)	228×228 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	metal, lacquered
Wall mount	✓
Display device cable length	2 m
Levelling feet adjustable	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Underfloor weighing	None
Interfaces	RS-232 (optional) USB-Device (optional) KUP

Category

Brand	KERN
Product category	Industrial scales
Product group	Counting scales

Measuring System

Readability [d]	0,02 g
Weighing capacity [Max]	4000 g
Eccentric loading at 1/3 [Max]	0,1 g
Reproducibility	0,04 g
Linearity	± 0,1 g
Weighing system	Strain gauge
Resolution	200.000
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1); 2 kg (F1)
Possible calibration points	2 kg; 4 kg

Approval

CE mark	✓

Display

Display type	7 segment LED
Display digit height	21 mm
Display backlight	✓
Display screen size	89×30 mm

Counting

Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	200.000

Power Supplay

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A

KERN **CDS 4K0.02**

Easy to use industrial counting scale for heavy loads, counting resolution up to 300,000 points, ideal for the diverse possibilities of Industry 4.0 applications

Plug-in power supply type	Power adapter
Supplied plug-in 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 UK US CH
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	90 h
Battery operating time	20 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	520×390×150 mm
Net weight approx.	8 kg
Gross weight approx.	10 kg

Services (optional)

Article number for DAkkS calibration	963-127

Piktogramme

STANDARD

CAL EXT | KUP | KCP PROTOCOL | GLP PRINTER | PCS | TOL | B MULTI | DMS | 1 DAY

OPTION

ET | RS 232 | USB | DAkkS +3 DAYS