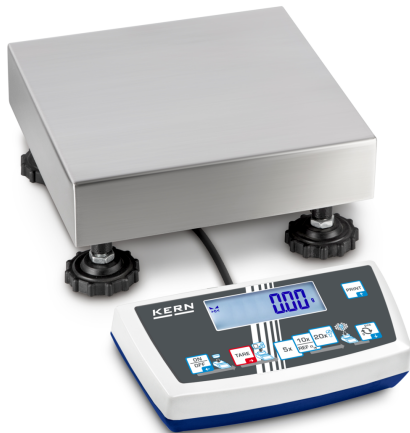


KERN CDS 4K0.02

Easy to use industrial counting scale for heavy loads, counting resolution 200.000 points, ideal for the diverse possibilities of Industry 4.0 applications



Display

Display type	LCD
Display type	7 segment LED
Display backlight	✓
Display screen size	89×30 mm
Display segments	7
Display digit height	21 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	225×115×60 mm
Dimension display device (W×D×H)	225×115×60 mm
Dimensions weighing surface (W×D)	228×228 mm
Dimensions weighing surface	228×228 mm
Dimensions weighing platform (W×D×H)	230×230×103 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	metal, lacquered
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	2,5 m

Functions

PreTare function	✓
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	200.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 50, n (any number of pieces)

Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CDS

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	4000 g
Readability [d]	0,02 g
Reproducibility	0,04 g
Linearity	± 0,1 g
Resolution	200.000

Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1); 2 kg (F1)
Possible calibration points	2 kg; 4 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,1 g
Construction type of the scale	Single-range balance

Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa
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Maximum creep (15 minutes)	200 mg
Maximum creep (30 minutes)	400 mg
Default unit	g

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Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	1 min
	30 min
	60 min
	30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 (optional)
	Ethernet (optional)
	Bluetooth BLE (v4.0) (optional)
	USB-Device (optional)
	KUP
	WiFi (optional)
compatible with EasyTouch	✓

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
	CH
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

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

Approval

CE mark	✓
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Services (optional)

Article number for DAkKS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	520×390×150 mm
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	10 kg
Shipping weight	9,8 kg
Shipping volume weight	6,1 kg

Product information

GTIN/EAN number	4045761356962
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

