

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



Default unit

g

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

Date of creation: 22.06.2026

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
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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

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Reference quantity 5, 10, 20, 50, n (any number of pieces)

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

Ambient temperature [Max] 40 °C

Humidity of environment [Max] 80 %

Approval

CE mark ✓

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 84238 129

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

