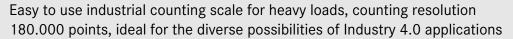
KERN CDS 36K0.2L





Category

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

Measuring System

weasuring System				
Construction type of the scale	Single-range balance			
Weighing system	Strain gauge			
Weighing capacity [Max]	36 kg			
Readability [d]	0,0002 kg			
Resolution	180.000			
Linearity	± 0,0006 kg			
Reproducibility	0,0002 kg			
Default unit	kg			
Units	kg g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa			
Adjustment options	Adjusting with external weight			
Recommended adjusting weight	20 kg (F1); 10 kg (F1)			
Possible calibration points	10 kg; 15 kg; 20 kg; 30 kg; 36 kg			
Stabilization time	3 s			
Warm-up time	120 min			
Eccentric loading at 1/3 [Max]	0,001 kg			
Maximum creep (15 minutes)	2 g			

Maximum creep (30 minutes)	4 g			
Approval				
CE mark	✓			
Display				
Display type	LCD			
Display type	7 segment LED			
Display screen size	89×30 mm			
Display backlight	1			
Display digit height	21 mm			
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)	500×400×125 mm			
Dimensions completely mounted (W×D×H)	450×350×115 mm			
Material display housing	Plastics			
Material housing	plastic			
Material weighing plate	stainless steel			
Material platform	metal, lacquered			
Dimensions weighing surface (W×D)	500×400 mm			
Display device cable length	0,6 m			
Transport safety lock - bolt torque	0,1 Nm			
Levelling feet adjustable	1			
Wall mount	1			
Functions				
	_			
Number of keys for operation	7			
Auto-off interval(s) in mains power mode	off			
	5 min			
Auto off interval(s) in hottom	2 min			
Auto-off interval(s) in battery mode/rechargeable battery mode	1 min 30 min			
	60 min			
	30 sec			
PreTare function	1			
Tare function	manual (multi)			
Percentage determination	1			
Counting function	✓			
Tolerance weighing	1			



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Easy to use industrial counting scale for heavy loads, counting resolution 180.000 points, ideal for the diverse possibilities of Industry 4.0 applications

Tolerance weighing - type of signal	acoustically visual		
Function for averaging under unstable weighing conditions			
Underfloor weighing	None		
Interfaces	RS-232 (optional) Ethernet (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)		
Counting			
Smallest piece weight when piece counting - laboratory conditions	200 mg		
Smallest piece weight when piece counting - normal conditions	2 g		
Counting reference weight can be entered	 Image: A start of the start of		
Reference quantity	5, 10, 20, 50, n (any number of pieces)		
Counting resolution (laboratory conditions)	180.000		
Power Supply			
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz		
Input voltage device / power [Max]	5,9V, 1A		
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 UK US CH		
Rechargeable battery optional	Rchrg. battery optional - intern		
Rechargeable battery charging time	8 h		
Rechargeable battery operating time - backlight on	24 h		
Rechargeable battery operating time - backlight off	48 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			
Dimensions packaging (W×D×H)	600×510×230 mm			
Net weight	19 kg			
Shipping method	Parcel service			
Net weight approx.	19 kg			
Gross weight approx.	22 kg			
Shipping weight	20,5 kg			
Services (optional)				
Article number for DAkkS calibration	963-128			
Article number for certificate of conformity (verification)	969-517			
Pictograms				

STANDARD



OPTION

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ET	RS 232	USB	BT 4.0	WLAN	LAN	ACCU	+3 DAYS