KERN **CDS 15K0.05**

KERN

Easy to use industrial counting scale for heavy loads, counting resolution 300.000 points, ideal for the diverse possibilities of Industry 4.0 applications

Construction type of the scale	Single-range balance
Maximum creep (15 minutes)	500 mg

Approval

CE mark	✓

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 display device (W×D×H)	225×115×60 mm
Dimension housing (W×D×H)	225×115×60 mm
Dimensions weighing platform (W×D×H)	308×318×75 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	metal, lacquered
Dimensions weighing surface (W×D)	308×318 mm
Display device cable length	2,5 m
Level indicator	✓
Wall mount	✓

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	15 kg
Readability [d]	0,00005 kg
Resolution	300.000
Linearity	± 0,00025 kg
Reproducibility	0,0001 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	15 kg (F1)
Possible calibration points	2 kg; 5 kg; 10 kg; 15 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,00025 kg
Default unit	kg
Maximum creep (30 minutes)	1 g

Functions

PreTare function	✓
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (optional)
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	300.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	50 mg

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Smallest piece weight when piece counting - normal conditions	500 mg
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

Power Supply

Supplied power supply	Power supply unit
Plug-in 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
Input voltage device / power [Max]	5,9V, 1A
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
Humity of environment [Max]	80 %

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	520×390×150 mm
Net weight	7,5 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	10 kg

Shipping weight	9,8 kg

Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Interface

Interfaces	RS-232 (optional) Ethernet (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
EasyTouch (ET) - Compatibility	vollständig

Pictograms

STANDARD

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

OPTION

ET	RS 232	USB	BT 4.0	WIFI	LAN	UNDER	ACCU	DAkkS +3 DAYS