KERN **CCS 30K0.01.**

Counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999

KERN

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Counting system
Product family	CCS

Measuring System

Reference scale - item number	CFS 3K-5
Quantity scale - Item number	TKFP 30V20M-A
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	3 kg
Quantity scale - Weighing capacity [Max]	30 kg
Reference scale - Readability [d]	10 mg
Quantity scale - Readability [d]	1 g
Linearity	±
Reference scale - Linearity	100 mg
Quantity scale - Linearity	4 g
Reproducibility	20 mg
Reference scale - Reproducibility	30 mg
Quantity scale - Reproducibility	1 g
Default unit	kg
Units	kg lb
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	50 mg
Reference scale - Eccentric loading at 1/3 [Max]	60 mg
Quantity scale - Eccentric loading at 1/3 [Max]	5 g
Loadcell type	HBM PW6KRC3

Approval

CE mark	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

Construction

Dimensions weighing platform (W×D×H)	400×300×114 mm
Dimensions completely mounted (W×D×H)	320×330×125 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	400×300 mm
Cable length	1,5 m
Display device cable length	2,5 m
Levelling feet adjustable	✓

Functions

Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Conversion function	✓
Recipe/summing level	Sum A
PLU - total	100
Sum memory function	✓
Memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard
IP protection - display	IP23
IP protection - load cell	IP65
IP protection - platform	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg

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Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	600.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
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 AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	70 h
Rechargeable battery operating time - backlight off	60 h

Environmental conditions

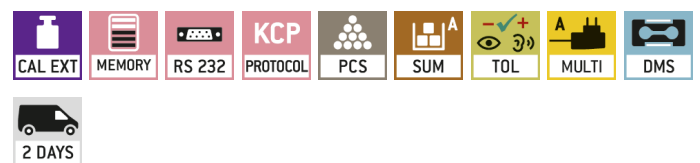|	
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	940×640×230 mm
Net weight	12,05 kg
Shipping method	Parcel service
Net weight approx.	13 kg
Gross weight approx.	16 kg
Shipping weight	27,7 kg

Services (optional)

Article number for adjustment at the location of installation	abhängig von Auflösung/ Max | depends on resolution and capacity
Article number for DAkkS calibration	962-128-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT MEMORY RS 232 KCP PROTOCOL PCS SUM TOL MULTI DMS

2 DAYS

OPTION

ACCU DAkkS +3 DAYS