

# KERN CCS 1T-1U

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



Default unit	kg
Units	kg lb
Loadcell type	aluminum Alloy IP64

## Display

Display type	LCD
Display backlight	✓
Display digit height	20 mm

## Construction

Dimensions weighing surface (W×D)	840×1190 mm
Dimensions weighing surface	840×1190 mm
Dimensions weighing platform (W×D×H)	840×1190×90 mm
Material housing	plastic
Material weighing plate	coated metal
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,5 m
Display device cable length	5 m

## Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Conversion function	✓
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	15.000.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	n (any number of pieces)
IP protection - display	IP23
IP protection - platform	IP65
IP protection - load cell	IP65
Memory function	✓

## Category

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

## Measuring System

Reference scale - item number	CFS 6K0.1
Quantity scale - Item number	KFU 1500V20M
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Reference scale - Weighing capacity [Max]	6 kg
Quantity scale - Weighing capacity [Max]	1500 kg
Quantity scale - Readability [d]	0,5 kg
Reference scale - Readability [d]	100 mg
Reproducibility	0,0002 kg
Reference scale - Reproducibility	100 mg
Quantity scale - Reproducibility	0,5 kg
Linearity	±
Reference scale - Linearity	200 mg
Quantity scale - Linearity	1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1500 kg (M1)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Reference scale - Eccentric loading at 1/3 [Max]	500 mg
Quantity scale - Eccentric loading at 1/3 [Max]	1 kg

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Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Number of keys for operation	20

Interface	
Interfaces	RS-232 standard

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
	AUS
	UK
	US
	CH

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	70 h
Rechargeable battery operating time - backlight off	60 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional

Environmental conditions	
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval	
CE mark	✓

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	962-130-128
Article number for certificate of conformity	969-517

Packing & Shipping	
Delivery time	4 d
Dimensions packaging (W×D×H)	1355×510×450 mm
Shipping method	Freight
Net weight approx.	46 kg
Gross weight approx.	50 kg
Shipping weight	50 kg

## Pictograms

### STANDARD



### OPTION

