

KERN CCA 100K-4M



High-resolution counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999, verification optional



Pattern approval for conformity assessment ✓

Conformity assessment possible ex works ✓

Display

Display type LCD
 Display backlight ✓
 Display digit height 20 mm

Construction

Dimension display device (W×D×H) 250×160×65 mm
 Dimensions weighing platform (W×D×H) 500×400×140 mm
 Material housing plastic
 Material weighing plate coated metal
 Material platform Stainless steel
 Dimensions weighing surface (W×D) 500×400 mm
 Cable length 1,5 m
 Display device cable length 5 m
 Material load cell(s) aluminium
 Levelling feet adjustable ✓

Functions

Number of keys for operation 28
 PreTare function ✓
 Tare function manual (multi)
 Counting function ✓
 Tolerance weighing ✓
 Tolerance weighing - type of signal acoustically visual
 Conversion function ✓
 Recipe/summing level Rez A (Net total)
 PLU - total 100
 Sum memory function ✓
 Memory function ✓
 Interfaces RS-232 standard
 IP protection - complete device IP23
 IP protection - display no IP protection
 IP protection - load cell IP65
 IP protection - platform IP65

Counting

Smallest piece weight when piece counting - laboratory conditions 100 mg
 Smallest piece weight when piece counting - normal conditions 1 g

Category

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

Measuring System

Reference scale - item number EWJ 6000-1M
 Quantity scale - Item number IFS 100K-2M
 Conformity assessment possible ✓
 Weighing system Strain gauge
 Reference scale - Weighing capacity [Max] 6 kg
 Quantity scale - Weighing capacity [Max] 60 kg; 150 kg
 Reference scale - Readability [d] 100 mg
 Quantity scale - Readability [d] 0,02 kg; 0,05 kg
 Linearity ±
 Reference scale - Linearity 300 mg
 Quantity scale - Linearity 0,02 kg; 0,05 kg
 Reference scale - Reproducibility 100 mg
 Quantity scale - Reproducibility 0,02 kg; 0,05 kg
 Default unit kg
 Units kg
 Units (if device is conformity assessed) kg
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 6 kg (M1)
 Stabilization time 2 s
 Reference scale - Eccentric loading at 1/3 [Max] 300 mg
 Quantity scale - Eccentric loading at 1/3 [Max] 0,02 kg; 0,05 kg

Approval

CE mark ✓

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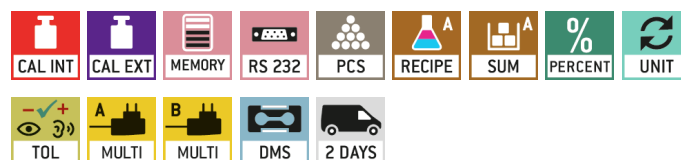
High-resolution counting system to count the smallest parts in large quantities, maximum number of parts which can be displayed is 999,999, verification optional

Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, 100
Counting resolution (laboratory conditions)	1.500.000

Article number for certificate of conformity (verification)	969-517
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Pictograms

STANDARD



OPTION



FACTORY



Power Supply

Input voltage power supply / power [Max]	100 - 240 V
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 CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Battery	no battery
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

Humidity of environment [Min]	0 %
Humidity 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)	4 d
Dimensions packaging (W×D×H)	930×545×480 mm
Net weight	15,4 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	19 kg
Shipping weight	48,7 kg

Services (optional)

Article number for conformity assessment	965-229-216
Article number for DAKkS calibration	962-129-127