

KERN CPE 30K-3

KERN

Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 points



Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CPE

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,001 kg
Reproducibility	0,001 kg
Linearity	± 0,003 kg
Resolution	30.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F2); 2 kg (F2)
Possible calibration points	10 kg; 20 kg; 30 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 kg
Construction type of the scale	Single-range balance
Units	g PCS
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Default unit	kg

Display

Display type	LCD
Display backlight	LED white
Display digit height	20 mm

Construction

Dimension housing (W×D×H)	340×320×115 mm
Dimensions weighing surface (W×D)	230×300 mm
Dimensions weighing surface	230×300 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 g
Reference quantity	n (any number of pieces)
Tare function	manual (multi)
Number of keys for operation	20

Interface

Interfaces	RS-232 standard
------------	-----------------

Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm
Battery / accumulator type	Li-Ion

KERN CPE 30K-3



Compact bench scale for rapid, simple counting, checkweighing applications and much more, counting resolution of 30,000 points

Battery capacity	4.000 mAh
Battery voltage	3,7 V
Battery – Individual weight	93 g
Battery capacity (Wh)	14,8 Wh
Battery – Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery/Accu connected	fixed electrical connection, no leakage current (insulated)

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	15 %
Humidity of environment [Max]	85 %

Approval

CE mark	✓
---------	---

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	415×375×185 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,8 kg

Product information

GTIN/EAN number	4045761252608
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

