KERN **CM 50-C2N**

Pocket balance with carat display - ideal for jewellers

Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Pocket balance
Product family	CM-C

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	10 g
Weighing capacity [Max] (ct)	50 ct
Readability [d]	0,002 g
Readability carat [d] (ct)	0,01 ct
Resolution	5.000
Linearity	± 0,006 g
Reproducibility	0,004 g
Tare range	10 g
Default unit	g
Units	g ct
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 g (M1)
Possible calibration points	5 g
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,006 g
Maximum creep (15 minutes)	8 mg
Maximum creep (30 minutes)	16 mg

Approval

CE mark	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	9 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	85×130×25 mm
Dimensions weighing platform (W×D×H)	52×44×3 mm
Material housing	plastic
Material weighing plate	plastic
Material draught shield	plastic
Dimensions weighing surface (W×D)	50×40 mm

Functions

Number of keys for operation	4
Auto-off interval(s) in battery mode/rechargeable battery mode	4 min
Tare function	manual (multi)
Underfloor weighing	None

Power Supply

Supplied power supply	Battery
Battery	2×1.5 V AAA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery operating time	33 h

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	135×203×30 mm
Net weight	0,17 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,30 kg
Shipping weight	0,3 kg

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Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

OPTION