

KERN CM 320-1N

Pocket balance with integrated pocket calculator

KERN



Display	
Display type	LCD
Display backlight	✓
Display digit height	12 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	85×130×25 mm
Dimensions weighing platform (W×D×H)	70×80×20 mm
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (W×D)	70×80 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	
Humidity 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)	140×200×30 mm
Net weight	0,216 kg
Shipping method	Parcel service
Net weight approx.	0,25 kg
Gross weight approx.	0,35 kg
Shipping weight	0,318 kg

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Pocket balance
Product family	CM

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	320 g
Readability [d]	0,1 g
Resolution	3.200
Linearity	± 0,2 g
Reproducibility	0,1 g
Tare range	320 g
Default unit	g
Units	g tl (Tw) tol
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (M3)
Possible calibration points	200 g
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,2 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

Approval	
CE mark	✓

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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

