

# KERN CM 320-1N

**KERN**

Pocket balance with integrated pocket calculator



## 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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## 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

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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

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### OPTION

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