

KERN CM 60-2N

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]	60 g
Readability [d]	0,01 g
Resolution	6.000
Linearity	± 0,03 g
Reproducibility	0,02 g
Tare range	60 g
Default unit	g
Units	g tl (Tw) tol
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 g (M2)
Possible calibration points	50 g
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,02 g
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 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)	70×80×18 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)	135×205×32 mm
Net weight	0,18 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,35 kg
Shipping weight	0,306 kg

KERN CM 150-1N

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]	150 g
Readability [d]	0,1 g
Resolution	1.500
Linearity	± 0,2 g
Reproducibility	0,1 g
Tare range	150 g
Default unit	g

Units	g tl (Tw) tol
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Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 g (M3)
Possible calibration points	100 g
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,2 g
Maximum creep (15 minutes)	200 mg
Maximum creep (30 minutes)	400 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
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)	205×136×32 mm
Net weight	0,165 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,35 kg
Shipping weight	0,313 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
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KERN CM 320-1N

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

KERN CM 1K1N

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]	1000 g
Readability [d]	1 g
Resolution	1.000
Linearity	± 2 g
Reproducibility	1 g
Tare range	1000 g
Default unit	g

Units	g tl (Tw) tol
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Adjustment options	Adjusting with external weight
Recommended adjusting weight	1 kg (M3)
Possible calibration points	1 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	2 g
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

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
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)	137×204×32 mm
Net weight	0,188 kg
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,35 kg
Shipping weight	0,318 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
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