

KERN TGC 1K-3

KERN

Slim pocket balance with large stainless steel weighing plate and practical tare pan



Approval

CE mark ✓

Display

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

Construction

Dimension housing (W×D×H) 100×130×18 mm
Material display housing Plastics
Material housing plastic
Material weighing plate stainless steel
Dimensions weighing surface (Ø) 81 mm

Functions

Number of keys for operation 4
Auto-off interval(s) in battery mode/rechargeable battery mode 4 min
Tare function manual (multi)
IP protection - complete device -

Power Supply

Supplied power supply Battery
Battery 2×CR2032
Battery / accumulator type Li-Metal
Battery connection Pad + Spring
Battery capacity 210 mAh
Battery operating time 8,75 h
Battery operating time - backlight on 8,75 h
Battery operating time - backlight off 22 h

Environmental conditions

Humidity of environment [Min] 80 %
Humidity of environment [Max] 90 %
Ambient temperature [Min] 0 °C
Ambient temperature [Max] 40 °C
Storage temperature [Min] -20 °C
Storage temperature [Max] 60 °C

Packing & Shipping

Readability force [d] (N) 1 d
Dimensions packaging (W×D×H) 100×130×16,5 mm

Category

Brand KERN
Product category Laboratory balance
Product group Pocket balance
Product family TGC

Measuring System

Construction type of the scale Single-range balance
Weighing system Strain gauge
Weighing capacity [Max] 1000 g
Weighing capacity [Max] (ct) 5000 ct
Readability [d] 1 g
Readability carat [d] (ct) 5 ct
Resolution 1.000
Linearity ± 6 g
Reproducibility 3 g
Tare range 1000 g
Default unit g

Units

g
gn
dwt
ozt
ct
oz

Adjustment options Adjusting with external weight
Recommended adjusting weight 750 g (M3)
Possible calibration points 1 kg
Stabilization time 2 s
Warm-up time 10 min
Eccentric loading at 1/3 [Max] 3 g
Maximum creep (15 minutes) 2 g
Maximum creep (30 minutes) 4 g

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Net weight	0,15 kg
Shipping method	Parcel service
Net weight approx.	0,15 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
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

