

KERN TGC 1K-3S05

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	0,75 kg
Shipping method	Parcel service
Net weight approx.	0,75 kg
Gross weight approx.	0,80 kg
Shipping weight	0,8 kg

Services (optional)

Article number for adjustment at the location of installation	961-247S05
Article number for DAkkS calibration	963-127S05
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

