

KERN TGC 1K-3S05

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



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
Dimensions weighing surface (Ø)	81 mm
Dimensions weighing surface	81 mm
Material housing	plastic
Material weighing plate	stainless steel
Material display housing	Plastics

Functions

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

Power Supply

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

Environmental conditions

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

Approval

CE mark	✓
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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
Reproducibility	3 g
Linearity	± 6 g
Resolution	1.000
Tare range	1000 g
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
Default unit	g

Units	g
	gn
	dwt
	ozt
	ct
	oz

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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

Packing & Shipping

Delivery time	1 d
Dimensions packaging (WxDxH)	100x130x16,5 mm
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

Pictograms

STANDARD



OPTION

