

KERN TGC 150-2S05

KERN

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



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]	150 g
Weighing capacity [Max] (ct)	750 ct
Readability [d]	0,01 g
Readability carat [d] (ct)	0,05 ct
Reproducibility	0,2 g
Linearity	± 0,3 g
Resolution	15.000
Tare range	150 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 g (M2); 100 g (M2)
Possible calibration points	150 g
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,3 g
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 mg
Default unit	g

Units	g
	gn
	dwt
	ozt
	ct
	oz

Tolerance (% of [Max])	0,2%
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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)	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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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 (W×D×H)	100×130×16,5 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

