

# KERN TGC 500-1S05

# KERN

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



Tolerance (% of [Max])	0,3%
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## 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)	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
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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]	500 g
Weighing capacity [Max] (ct)	2500 ct
Readability [d]	0,1 g
Readability carat [d] (ct)	0,5 ct
Resolution	5.000
Linearity	± 1,5 g
Reproducibility	0,5 g
Tare range	500 g
Default unit	g

Units	g
	gn
	dwt
	ozt
	ct
	oz

Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (M3)
Possible calibration points	500 g
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,5 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

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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.	0,85 kg
Shipping weight	0,85 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

