

KERN TGD 50-3CS05

KERN

Compact pocket carat balance for precision weighing of jewellery and precious stones



Display	
Display type	LCD touch
Display backlight	✓
Display digit height	20 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	96×150×64 mm
Dimensions weighing surface (Ø)	65 mm
Dimensions weighing surface	65 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	plastic
Material draught shield	plastic
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓

Functions	
IP protection - complete device	-
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply	
Supplied power supply	Power supply & battery included
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AAA
Battery connection	Pad + Spring
Battery operating time	150 h
Battery/Accu connected	not connected, enclosed

Environmental conditions	
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Min]	15 %
Humidity of environment [Max]	80 %

Approval	
CE mark	✓

Services (optional)	
Article number for adjustment at the location of installation	961-247S05

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Pocket balance
Product family	TGD

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	50 g
Readability [d]	0,001 g
Reproducibility	0,003 g
Linearity	± 0,003 g
Resolution	50.000
Tare range	50 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 g (F2)
Possible calibration points	50 g
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,005 g
Construction type of the scale	Single-range balance
Units	g gn dwt ozt ct oz
Weighing capacity [Max] (ct)	250 ct
Readability carat [d] (ct)	0,005 ct
Maximum creep (15 minutes)	4 mg
Maximum creep (30 minutes)	8 mg
Default unit	g

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Article number for DAkkS calibration 963-127S05.

Article number for certificate of conformity 969-517

Packing & Shipping

Delivery time 1 d
Shipping method Parcel service
Net weight approx. 1,2 kg
Gross weight approx. 2,0 kg
Shipping weight 1,905 kg

Product information

GTIN/EAN number 4045761217904
REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

