

KERN GAB 6K0.05N

Checkweighing and portioning scale

KERN



Category

Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	GAB

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,00005 kg
Reproducibility	0,00005 kg
Linearity	± 0,00015 kg
Resolution	120.000
Tare range	-6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (F2)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,00025 kg
Maximum creep (15 minutes)	500 mg
Maximum creep (30 minutes)	1 g
Default unit	kg
Units	kg
	g
	t
	lb
	oz

Display

Display type	LCD
Display backlight	✓
Display digit height	24 mm

Construction

Dimension housing (W×D×H)	315×350×100 mm
Dimensions completely mounted (W×D×H)	315×350×125 mm
Dimensions weighing surface (W×D)	295×225 mm
Dimensions weighing surface	295×225 mm
Material housing	plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Counting function	✓
Counting resolution (laboratory conditions)	120.000
Smallest piece weight when piece counting - laboratory conditions	50 mg
Smallest piece weight when piece counting - normal conditions	500 mg
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	-
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
	off
	5 min
	30 min
Auto-off interval(s) in mains power mode	15 min
	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard
EasyTouch (ET) - Connection type	RS232 (+optionale Schnittstellen)

Power Supply

Supplied power supply	Power supply unit
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Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Rechargeable battery	GAB-A04
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	90 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

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

Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	445×375×205 mm
Shipping method	Parcel service
Net weight approx.	3,0 kg
Gross weight approx.	4,6 kg
Shipping weight	6,8 kg

Pictograms

STANDARD



OPTION

