

# KERN GAB 30K5DNM

Checkweighing and portioning scale, verification optional



## Category

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

## Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	15 kg; 30 kg
Readability [d]	0,005 kg; 0,01 kg
Resolution	3.000, 3.000
Linearity	± 0,005 kg; 0,01 kg
Reproducibility	0,005 kg; 0,01 kg
Tare range	29,99 kg
Default unit	kg
Units	kg g
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,005 kg; 0,01 kg

## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,005 kg; 0,01 kg
Conformity assessment possible ex works	✓

## 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
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	295×225 mm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (single & multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard
IP protection - complete device	-

## Counting

Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 g
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter

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Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional - intern
	12 h
	40 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	90 h
Battery / accumulator type	Pb

## Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
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
Dimensions packaging (W×D×H)	445×375×205 mm
Net weight	3 kg
Shipping method	Parcel service
Net weight approx.	3,0 kg
Gross weight approx.	4,6 kg
Shipping weight	6,8 kg

## Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

