

KERN KGP 6K-4



Robust industrial platform scale with digital weighing transmitter, ideal for varied range of applications for Industry 4.0



Category	
Brand	KERN
Product category	Component
Product group	Digital weighing system
Product family	KGP

Measuring System	
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,0002 kg
Resolution	30.000
Linearity	± 0,0008 kg
Reproducibility	0,0002 kg
Tare range	-6 kg
Default unit	kg
Units	kg g t
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]	0,001 kg
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Approval	
CE mark	✓

Display	
Display type	LCD
Display backlight	no
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing platform (W×D×H)	230×230×103 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, varnished
Dimensions weighing surface (W×D)	230×230 mm
Display device cable length	2,5 m
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Wall mount	✓

Functions	
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
PreTare function	✓
Tare function	manual (multi)
Interfaces	RS-232 standard USB Ethernet (optional, factory) WiFi (optional, factory) Bluetooth (v4.0) (optional, factory)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	10, 20, 50, 100, 200

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Counting resolution (laboratory conditions) 30.000

Power Supply

Input voltage power supply / power [Max] 100 V - 240 V, 50 / 60 Hz

Input voltage device / power [Max] 5 V, 500 mA

Plug-in power supply type USB including power supply

Supplied power supply Power supply unit

Plug-in power supply / adapter for countries - included with the delivery EURO
UK
US

Plug-in power supply / adapter for countries - optional EURO
UK
US
CH

Battery no battery

Environmental conditions

Humidity of environment [Min] 0 %

Humidity of environment [Max] 80 %

Ambient temperature [Min] -10 °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) 415×700×240 mm

Net weight 5,2 kg

Shipping method Parcel service

Net weight approx. 6 kg

Gross weight approx. 7 kg

Shipping weight 13,9 kg

Services (optional)

Article number for adjustment at the location of installation 961-248

Article number for DAkkS calibration 963-128

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION



FACTORY

