

KERN KGP 6K-4L



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

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

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 surface (W×D)	300×240 mm
Dimensions weighing surface	300×240 mm
Dimensions weighing platform (W×D×H)	300×240×109 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m
Platform Construction	Single-Cell

Functions

PreTare function	✓
Counting resolution (laboratory conditions)	30.000
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
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 15 min
Tare function	manual (multi)

Interface

Interfaces	RS-232 standard USB Ethernet (optional, factory) WiFi (optional, factory)
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	Bluetooth (v4.0) (optional, factory)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply unit
Power supply type	USB including power supply
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
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 500 mA
Power socket for mains adapter	USB port
Battery	no battery

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
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 adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

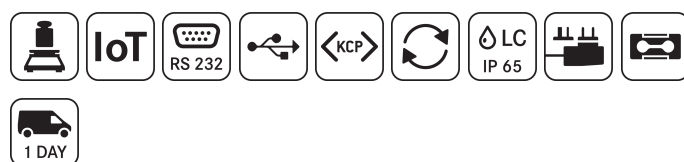
Delivery time	1 d
Dimensions packaging (W×D×H)	415×700×240 mm
Shipping method	Parcel service
Net weight approx.	10 kg
Gross weight approx.	12 kg
Shipping weight	13,9 kg

Product information

GTIN/EAN number	4045761218055
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

