KERN **KGP 30K-3**

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

Date of creation: 20.06.2026

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]	30 kg
Readability [d]	0,001 kg
Reproducibility	0,001 kg
Linearity	± 0,004 kg
Resolution	30.000
Tare range	-30 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (F2)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,005 kg
Construction type of the scale	Single-range balance
Units	kg g t
Load cell connection	4-wire
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 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	1 g
Smallest piece weight when piece counting - normal conditions	10 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
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

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

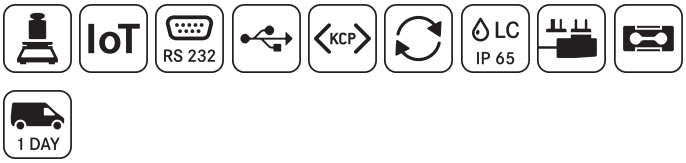
Delivery time	1 d
Dimensions packaging (W×D×H)	465×795×230 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	17 kg
Shipping volume weight	17 kg

Product information

GTIN/EAN number	4045761218017
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

FACTORY