

# KERN KGP 100K-3L

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



## 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)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×139 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
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	5 g
Smallest piece weight when piece counting - normal conditions	50 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)
------------	--

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	150 kg
Readability [d]	0,005 kg
Reproducibility	0,005 kg
Linearity	± 0,02 kg
Resolution	30.000
Tare range	-150 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (F2)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,025 kg
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g
Default unit	kg
Units	kg g t
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

# KERN KGP 100K-3L

# KERN

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

	Bluetooth (v4.0) (optional, factory)
EasyTouch (ET) - Compatibility	vollständig
EasyTouch (ET) - Connection type	über alle verfügbaren Schnittstellen möglich

## Power Supply

Supplied power supply	Power supply unit
Plug-in 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
Input voltage device / power [Max]	5 V, 500 mA
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	✓
---------	---

## Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	670×1040×240 mm
Net weight	20,75 kg
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	24 kg

Shipping weight	33,4 kg
-----------------	---------

## Pictograms

### STANDARD



### OPTION



### FACTORY

