



PRODUCT BROCHURE

KERN KGP 30K-3L

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ENGLISH



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

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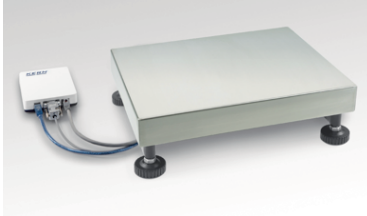
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PRODUCT SHOWCASE



DESCRIPTION

- With this combination of platform (KERN KFP V20 IP65) and digital weighing transmitter (KERN YKV-01) your weighing processes are ready for the requirements of Industry 4.0. Simply install the platform, connect the digital weighing transmitter to the network and start weighing
- For rapid transfer of weighing data to connected networks, computers, etc.
- USB and RS-232 data interface standard, Power supply via USB interface
- Transfer formats are freely configurable
- Digital weighing transmitter with standard ethernet data interface on request
- Functions: Weighing, taring
- Internal resolution 16 million divisions
- Measuring frequency 10 Hz
- Easy configuration using the software supplied
- KERN YKV-01: Robust plastic die-cast housing
- KERN YKV-01: Suitable for wall mounting and DIN track mount (optional)
- included with the delivery:

- Industrial platform KERN KFP
- Digital weighing transmitter KERN YKV-01
- DIN rail mounting bracket for KERN YKV
- Configuration software for adjusting and managing the KERN KGP, for large-format display of the values collected on the PC as well as transfer of this data to other Apps and programs. The displayed result can therefore be converted to any format for communication with the different user programs, such as, for example, e.g. SAP, Oracle etc.

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	KGP 30K-3L
Model-Serie	KGP
Assortment	KERN
Product Type	Industrial balance
Product group	Display devices
Product usage type	Main article
EAN code (Model)	404576 12 18024
Customs tariff number	84238 129
Product status	yes

Technical data - Primary

Net weight	9.8 kg
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Technical data - Construction

Dimensions display casing	250×160×58 mm
Wall mount	yes
Material casing	plastic
IP protection indicator	no IP protection
IP protection load cell	IP65

Technical data - Display

Display height	52 mm
Backlight	no

Technical data - Power supply

Battery	no battery
Mains adapter/adaptor included	EURO;UK;US
Input Voltage	100 V - 240 V, 50 / 60 Hz

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.004 kg
Readability	0.001 kg
Recommended adjusting weight	30 kg (F2)
Repeatability	0.001 kg
Warm up time	120 min
Weighing units	g;kg;t
Number of weighing ranges	1

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	465×795×230 mm
Gross weight	12 kg
Net weight	10 kg
Shipping method	Parcel service
Packaging component - by weight - paper	100 g
Packaging component - by weight - cardboard	1.1 kg
Packaging component - by weight - plastics	1.1 kg
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - glass	0 g
Packaging component - by weight - wood	0 g
Packaging component - by weight - foam	0 g
Packaging component - by weight - metal	0 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	30000
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Technical data - Verification

Verification approval conforming to 2014/31/EU yes

FUNCTIONS

Standard



Option



Factory



ACCESSORIES

Model	Description
YKV-A03	Bracket KERN YKV-A03
YKA-31	Power supply KERN YKA-31
YKV-02	IoT-Line Digital Weighing Transmitter KERN YKV-02
YRO-01	Roller Conveyor KERN YRO-01
YKV-A01	WiFi module YKV-A01
YGR-01	ESD earthing kit YGR-01
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
YKV-A02	Bluetooth Set KERN YKV-A02
572-926	Interface cable 572-926

SERVICES

Model	Description
961-248	Adjustment at the location of installation 961-248
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-101	Warranty extension KERN (+2 years) 970-101
963-128	DAkkS Calibration KERN 963-128

SPARE PARTS

Model	Description
RKFP-8007	Rubber shock absorber RKFP-8007
KFP 30V20M	Platform KERN KFP 30V20M
RKFP-8009	Rubber shock absorber RKFP-8009
RKFPV20-6003	Weighing plate KERN RKFPV20-6003
YKA-31	Power supply KERN YKA-31
RTKFP-8001	Adjustable base foot KERN RTKFP-8001
RKFP-1403	Load cell KERN RKFP-1403

SOFTWARES

Model	Description
SET-17	KERN EasyTouch SET-17 PrePack
SET-01	KERN EasyTouch SET-01 Base
SET-21	KERN EasyTouch SET-21 Formulation

SET-22	KERN EasyTouch SET-22 Difference
SET-31	KERN EasyTouch SET-31 Tolerance
SET-32	KERN EasyTouch SET-32 Count
SET-33	KERN EasyTouch SET-33 Target Count
SET-04	KERN EasyTouch SET-04 Density
SET-05	KERN EasyTouch SET-05 Dynamic
SET-06	KERN EasyTouch SET-06 Classification
SET-07	KERN EasyTouch SET-07 Variable
SET-08	KERN EasyTouch SET-08 Take-out
SET-10	KERN EasyTouch SET-10 Save Server
SET-11	KERN EasyTouch SET-11 Safety
SET-16	KERN EasyTouch SET-16 Batch and Statistics
SET-14	KERN EasyTouch SET-14 Individual Print
SET-28	KERN EasyTouch SET-28 Customization Service
SET-35	KERN EasyTouch SET-35 Assembly Count
SET-18	KERN EasyTouch SET-18 Container Master
SET-46	KERN EasyTouch SET-46 Backup Scheduler
SET-51	KERN EasyTouch SET-51 Audit Logs
SET-411	KERN EasyTouch SET-411 Hotkeys

RELATED ARTICLES DATA

Model name	Net weight
KGP 6K-4	5.2 kg
KGP 6K-4L	9.8 kg
KGP 10K-4L	9.8 kg
KGP 30K-3	5.2 kg
KGP 30K-3L	9.8 kg
KGP 60K-3	9.8 kg
KGP 60K-3L	13.1 kg
KGP 100K-3	13.1 kg
KGP 100K-3L	20.75 kg
KGP 300K-2L	20.75 kg