

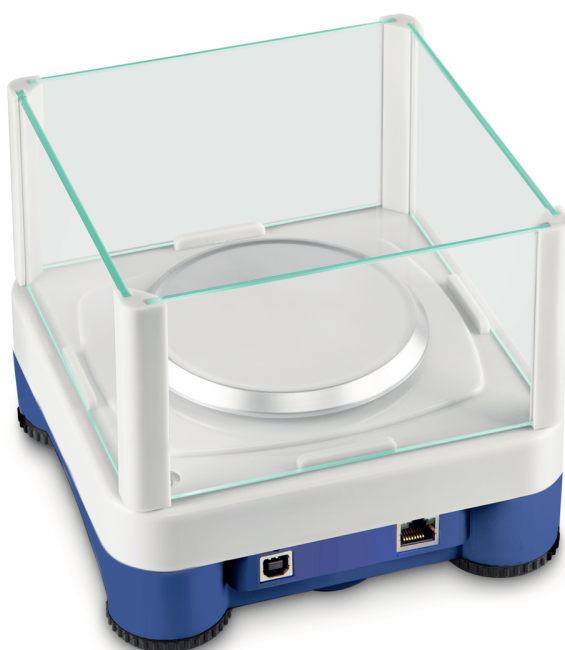
## PRODUCT BROCHURE

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# KERN KDP 300-3

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ENGLISH



Universal weighing platforms for flexible connection in process chains

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### CONTACT

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## PRODUCT SHOWCASE



## DESCRIPTION

- Industry 4.0 process chains: these weighing platforms can be easily integrated into your process chain. All recorded values can be easily transferred and processed further in your system as digital data and data that has already been compared using the many interfaces available. This saves cost, time and resources and ensures even more effective working
- Connecting the platform with a tablet or PC offers the advantage of being able to use the apps and programs which are on that device. These apps and programs are usually already tailored to your needs, are easy and convenient to use and can often be expanded as needed. This offers you the maximum level of flexibility when displaying, processing and saving the recorded weighing data
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m<sup>2</sup>, or similar
- Draught shield standard, weighing space W×D×H 146×146×80 mm
- included with the delivery: Software BalanceConnection for adjusting and managing the KERN KDP, for large-format display of the values collected on the PC as well as transfer of this data to other Apps and programs

## SPECIFICATIONS

### Article codes, product groups & Status

## information

Model article-code	KDP 300-3
Model-Serie	KDP
Assortment	KERN
Product Type	Industrial scales
Product group	Digital weighing systems
Product usage type	Spare part;Main article;Accessories/DL
EAN code (Model)	404576 1251885
Predecessor Model	KDP 300-3-2024a
Successor Model	KDP 300-3-????e
Customs tariff number	84239010
CE Label	yes

## Technical data - Primary

Weighing capacity	350 g
Readability	1 mg
Indicator cable length	1.5 m
Net weight	1.04 kg
Dimension weighing platform (W×D×H)	165×165×73 mm

## Technical data - Construction

Material weighing plate	plastic, with conductive lacquer
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	105 mm
Indicator cable length	1.5 m

Dimensions weighing platform 165×165×73 mm

Dimensions display casing (W×D×H) 0×0×0 mm

Dimension completely mounted (W×D×H) 165×166×140 mm

IP protection indicator no IP protection

## Technical data - Power supply

Mains adapter/adaptor included CH;EURO;UK;US

Input Voltage 100 V - 240 V, 50 / 60 Hz

## Technical data - Measuring system

Calibration method Adjusting with external weight

Linearity ± 5 mg

Readability 1 mg

Recommended adjusting weight 350 g (F1)

Repeatability 2 mg

Warm up time 120 min

## Technical data - Environmental conditions

Maximum humidity 80 %

Maximum operating temperature 35 °C

Minimum ambient temperature 5 °C

## Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 250×525×165 mm

Gross weight	2 kg
Net weight	1.2 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - plastics	0 g
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

## Optional Services

DAkkS Calibration	963-127
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## FUNCTIONS

### Standard



### Option



### Factory



## ACCESSORIES

Model	Description
YMI-A01	Data Interface KERN YMI-A01
KDP-A03	Bluetooth module KDP-A03
KDP-A02	Interface module KERN KDP-A02
SCD-4.0-PRO-DL-AS05	Software KERN BalanceConnection SCD-4.0-PRO-DL-AS05
SCD-4.0-DLS05	BalanceConnection Standard KERN SCD-4.0-DLS05

## SERVICES

Model	Description
963-127	DAkkS Calibration KERN 963-127
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-017	Warranty extension KERN (+3 years) 970-017

## SPARE PARTS

Model	Description
RPCD-8002	Adjustable base foot RPCD-8002
RPCD-8006	Level bubble RPCD-8006
R440-000-13-001	DC socket R440-000-13-001

## SOFTWARES

Model	Description
SCD-4.0-DL	BalanceConnection Standard KERN SCD-4.0-DL
SCD-4.0-PRO-DL	Software KERN BalanceConnection SCD-4.0-PRO-DL
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

Model	Description
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	Weighing capacity	Readability	Indicator cable length	Net weight	Dimension weighing platform (W×D×H)
KDP 300-3-2024a	350 g	1 mg	1.5 m	1.04 kg	165×165×73 mm
KDP 10K-3-2024a	10 kg	1 g	1.5 m	1.35 kg	165×165×73 mm
KDP 10K-3	10 kg	1 g	1.5 m	1.35 kg	165×165×73 mm
KDP 10K-4	10 kg	100 mg	1.5 m	1.349 kg	165×165×73 mm
KDP 3000-2	3.5 kg	10 mg	1.5 m	1.588 kg	165×165×73 mm
KDP 300-3	350 g	1 mg	1.5 m	1.04 kg	165×165×73 mm