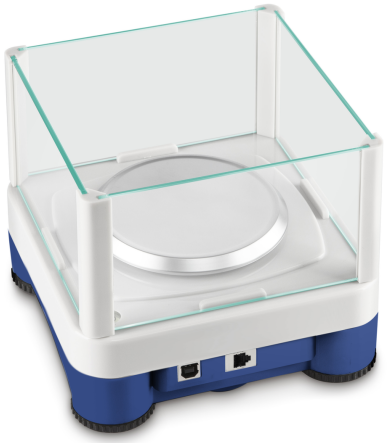
KERN **KDP 300-3**

Universal weighing platforms for flexible connection in process chains



Category

Brand	KERN
Product category	Applications
Product group	Weighing Systems Industry 4.0

Measuring System

Readability [d]	0,001 g
Weighing capacity [Max]	350 g
Eccentric loading at 1/3 [Max]	5 mg
Reproducibility	2 mg
Linearity	± 5 mg
Weighing system	Strain gauge
Resolution	350.000
Default unit	g
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	350 g (F1)

Approval

CE mark	✓

Construction

Dimension display device (W×D×H)	0×0×0 mm
Dimension housing (W×D×H)	165×166×75 mm
Dimensions weighing platform (W×D×H)	165×165×73 mm
Dimensions completely mounted (W×D×H)	165×166×140 mm
Dimensions rectangular draught shield - inner (W×D×H)	146×146×80 mm
Dimensions rectangular draught shield - outer (W×D×H)	157×157×80 mm
Dimensions weighing surface (Ø)	105 mm
Material display housing	No display available
Material weighing plate	plastic, with conductive lacquer
Material platform	Plastics
Cable length	1,2 m
Display device cable length	1,5 m
Levelling feet adjustable	✓

Functions

Interfaces	Ethernet (optional, factory) WiFi (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device
IP protection - display	no IP protection

Power Supplay

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	USB including power supply
Supplied plug-in power supply	Power supply unit

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	250×530×160 mm
Net weight approx.	1,2 kg
Gross weight approx.	2,0 kg

Services (optional)

Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

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Piktogramme

STANDARD

OPTION

FACTORY