PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN PEJ 2200-2M

Robust laboratory and industrial precision scale for heavy items, verification optional

ENGLISH



CONTACT

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FEATURES

- Automatic internal adjustment, guarantees high degree of accuracy and makes the balance independent of its location of use
- Metal housing: robust and sturdy
- Weighing with tolerance range (checkweighing): Input of two upper and two lower limit values through four arrow keys. An audible and visual signal assists with the portioning, dispensing or grading
- Underfloor weighing: Possibility of load support with built-in loop on the underside of the balance
- Protective working cover included with delivery

TECHNICAL DATA

- Fluorescent display, bright with high contrast, digit height 14 mm
- Dimensions weighing surface W×D 200×200 mm, stainless steel
- Overall dimensions 220×333×93 mm
- Net weight approx. 6 kg
- Permissible ambient temperature 10 °C/30 °C

MAIN SCOPE OF APPLICATIONS

- Laboratory applications
- Industrial applications
- Research and development
- Time-based recording

PLEASE NOTE FOR YOUR ORDER

- For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order, the initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification
- According to the requirements of the EU Directive and the German Weights and Measures Act, scales in open sales outlets must not have an auxiliary display device. (Scales for the intended use ‘open points of sale’ must have a readability of e=d).

PICTOGRAMS

Standard | Option | Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Reproducibility	Linearity	Dimensions weighing surface
PEJ 620-3M	620 g	0,001 g	0,01 g	0,1 g	0,001 g	± 0,003 g	140×120 mm
PEJ 2200-2M	2200 g	0,01 g	0,1 g	0,5 g	0,01 g	± 0,02 g	200×200 mm
PEJ 4200-2M	4200 g	0,01 g	0,1 g	0,5 g	0,01 g	± 0,02 g	200×200 mm

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ACCESSORIES

Model	Description
474-926	RS232 interface cable 474-926
MLB-A05	RS232 interface cable MLB-A05
PES-A02	Relay output PES-A02
PES-A03	Device for suspended weighing PES-A03
PES-A04	Protective working cover PES-A04
PES-A04S05	Protective working cover PES-A04S05, scope of delivery: 5 items
YKC-01	Thermal printer YKC-01
YKG-01	Dot Matrix Printer YKG-01
YKH-01	Thermal printer YKH-01
YKI-10	RS232-Ethernet adapter YKI-10 (RS-232 standard, Ethernet, RS-485)
YKI-11	RS232-Ethernet adapter YKI-11 (Ethernet, RS-232 standard - 2x)
YKI-12	RS232-WiFi adapter YKI-12
YKT-01	Needle printer YKT-01
YPS-03	Antivibration table YPS-03
YPS-04	Anti-vibration plate KERN YPS-04 (400×450×60 mm, 30 kg)
YPS-05	Anti-vibration plate KERN YPS-05 (565×450×60 mm, 42 kg)

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)

Model	Description
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
963-127	DAkkS calibration certificate 963-127
965-216	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-216
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-107	Warranty extension (+2 years) 970-107

KERN Pictogram Overview

	Internal adjustment: Adjusting accuracy using internal adjustment weight
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Net total: The weight values of the recipe ingredients can be added up and the total weight of the recipe printed out
	Sum function: The weight values of weighed items can be added together and the total printed out
	Percentage determination: determining the deviation in % from the target value (100 %)
	Units can be switched to e.g. non-metric units
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle tuning fork: A resonating body is electromagnetically excited, causing it to oscillate
	Package shipment by courier service: The duration of internal product provision is one day
	Suspended weighing: Load support with hook on the underside of the balance
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days
	Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.
	Conformity assessment: The duration of the conformity assessment is 3 working days

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