

KERN PEJ 2200-2M

KERN

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



Display

Display type	Fluorescent
Display backlight	LED is self-luminous
Display digit height	14 mm
Languages of the user interface	English

Construction

Dimension housing (W×D×H)	220×333×93 mm
Dimensions weighing surface (W×D)	200×200 mm
Dimensions weighing surface	200×200 mm
Material housing	cast aluminium
Material weighing plate	stainless steel
Material platform	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions

Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	Eye (optional)
Capacity - Display	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	220.000
Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Reference quantity	5, 10, 30, 100
Auto-off interval(s) in mains power mode	free
Tare function	manual (multi)
Number of keys for operation	6

Interface

Interfaces	Digital I/O (optional, factory) RS-232 standard - 2x
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Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter

Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	PEJ

Measuring System

Weighing system	Tuning fork
Weighing capacity [Max]	2200 g
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,02 g
Minimum weight [Min]	0,5 g
Conformity assessment possible	✓
Resolution	220.000
Adjustment options	Internal calibration (automatic)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,02 g
Units (if device is conformity assessed)	kg g ct
Minimum weight [Min] (ct)	5 ct
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Construction type of the scale	Single-range balance
Units	kg g ct
Weighing capacity [Max] (ct)	11000 ct
Readability carat [d] (ct)	0,1 ct
Default unit	g

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Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
	UK
	US
	CH

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	AUS
	UK
	US
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Input voltage power supply / power [Max]	100-240V AC; 0,6 A; 50/60Hz
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Input voltage device / power [Max]	12 V, 1 A
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Battery connection	Plug-in terminals
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Environmental conditions

Ambient temperature [Min]	10 °C
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Ambient temperature [Max]	30 °C
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Humidity of environment [Max]	80 %
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Storage temperature [Min]	-20 °C
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Storage temperature [Max]	60 °C
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Approval

CE mark	✓
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Conformity assessment possible ex works	✓
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Accuracy classe	II
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Verification scale interval [e]	0,1 g
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Verification scale interval [e] (ct)	1 ct
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Services (optional)

Article number for conformity assessment	965-216
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Article number for DAkkS calibration	963-127
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	330×440×215 mm
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Shipping method	Parcel service
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Net weight approx.	6 kg
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Gross weight approx.	8 kg
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Shipping weight	7,2 kg
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Product information

GTIN/EAN number	4045761311152
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Trade number	90160010
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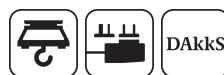
REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION



FACTORY

