KERN **PEJ 2200-2M**

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



Date of creation: 24.10.2026

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
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,02 g
Minimum weight [Min] (verifiable)	0,5 g
Resolution	220.000
Adjustment options	Internal calibration (automatic)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,02 g
Weighing capacity [Max] (ct)	11000 ct
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Units	kg g ct
Units (if device is conformity assessed)	kg g ct
Default unit	g
Minimum weight [Min] (ct)	5 ct
Readability carat [d] (ct)	0,1 ct
Warm-up time	120 min

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

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

Power Supply	
Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	100-240V AC; 0,6 A; 50/60Hz
Input voltage device / power [Max]	12 V, 1 A
Battery connection	Plug-in terminals

Environmental conditions	
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Services (optional)	
Article number for conformity assessment	965-216
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

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

Product information	
GTIN/EAN number	4045761311152
Trade number	90160010
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

