KERN **PES 15000-1M**

Robust laboratory and industrial precision scale for heavy items



Date of creation: 24.10.2026

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	PES

Measuring System	
Weighing system	Tuning fork
Weighing capacity [Max]	15000 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,2 g
Resolution	150.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10 kg (F2); 5 kg (F2)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,3 g
Construction type of the scale	Single-range balance
Units	kg g ct
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	g
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)	150.000
Smallest piece weight when piece counting - laboratory conditions	100 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	1 g
Tolerance weighing - type of signal	visual

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
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 DAkkS calibration	963-128
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.	4,4 kg
Gross weight approx.	6 kg
Shipping weight	6,2 kg
Shipping volume weight	6,2 kg

Product information	
GTIN/EAN number	4045761311176
Trade number	84238129
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

