

KERN PES 15000-1M

KERN

Robust laboratory and industrial precision scale for heavy items



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
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 (F1); 5 kg (F1)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 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

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 (included in delivery)
Capacity - Display	✓
Standby function	✓
Counting function	✓
Counting resolution (laboratory conditions)	150.000
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
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	RS-232 standard Digital I/O (optional, factory)

Power Supply	
Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK

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Pictograms

STANDARD



OPTION



FACTORY



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

Approval

CE mark	✓
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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

Product information

GTIN/EAN number	4045761311176
REACH classification	no prohibited substances