KERN **PNJ 12000-1M**



The new standard in the laboratory with robust tuning fork weighing system



Category	
Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	PNJ
Measuring System	
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Tuning fork
Weighing capacity [Max]	12000 g
Weighing capacity [Max] (ct)	60000 ct
Readability [d]	0,1 g
Readability carat [d] (ct)	1 ct
Resolution	120.000
Linearity	± 0,2 g
Reproducibility	0,1 g
Tare range	12000 g
Default unit	g
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) mo lb oz tol
Units (if device is conformity assessed)	g ct
Minimum weight [Min]	5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g

Minimum weight [Min] (ct)	50 ct
Adjustment options	Internal calibration (automatic)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
Approval	
CE mark	1
Pattern approval for conformity assessment	1
Accuracy classe	II
Verification scale interval [e]	1 g
Verification scale interval [e] (ct)	10 ct
Conformity assessment possible	1
ex works	v
Display	
Display type	LCD 109×27 mm
Display screen size	109×27 mm
Display backlight	
Display digit height	16,5 mm
Languages of the user interface	Symbol language
Construction	
Dimension housing (W×D×H)	196×293×89 mm
Dimensions weighing platform	190×190×89 mm
(W×D×H)	
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	190×190 mm
Levelling feet adjustable	1
Functions	
Number of keys for operation	5
Capacity display	
Tare function	manual (multi)
Percentage determination	
Counting function	
Tolerance weighing	
Tolerance weighing - type of signal	visual
Interfaces	RS-232 standard
IP protection - display	no IP protection
IP protection - platform	no IP protection

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Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	1
Reference quantity	10, 30, 50, 100
Counting resolution (laboratory conditions)	120.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	5,95 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

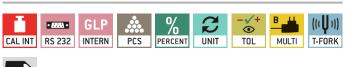
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×410×220 mm
Net weight	3,624 kg
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	5,0 kg
Shipping weight	5,9 kg

Services (optional)

Article number for conformity assessment	965-217
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD





OPTION



FACTORY

