

KERN PNJ 600-3M



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



Category	
Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System	
Readability [d]	0,001 g
Readability carat [d] (ct)	0,01 ct
Weighing capacity [Max]	620 g
Minimum weight [Min] (ct)	0,2 ct
Weighing capacity [Max] (ct)	3100 ct
Eccentric loading at 1/3 [Max]	0,004 g
Minimum weight [Min]	0,02 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Reproducibility	0,001 g
Linearity	± 0,004 g
Weighing system	Tuning fork
Resolution	620.000
Tare range	620 g
Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz tol
Units (if device is conformity assessed)	g ct
Default unit	g
Stabilization time	3 s
Warm-up time	4 h
Adjustment options	Internal calibration (automatic)

Approval	
CE mark	✓

Conformity assessment possible ex works	✓
Pattern approval for conformity assessment	✓
Accuracy classe	II
Verification scale interval [e]	0,01 g
Verification scale interval [e] (ct)	0,1 ct

Display	
Display type	LCD
Display digit height	16,5 mm
Display backlight	✓
Display screen size	109×27 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	196×293×266 mm
Dimensions completely mounted (W×D×H)	196×293×266 mm
Dimensions rectangular draught shield - inner (W×D×H)	172×171×160 mm
Dimensions weighing surface (Ø)	140 mm
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	glass
Levelling feet adjustable	✓

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

Counting	
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Counting reference weight can be entered	✓
Reference quantity	10, 30, 50, 100

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Counting resolution (laboratory conditions)	620.000
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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 plug-in 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

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

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	409×320×318 mm
Net weight approx.	4,2 kg
Gross weight approx.	6 kg

Services (optional)

Article number for conformity assessment	965-216
Article number for DAkkS calibration	963-103
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION



FACTORY

