

KERN PNJ 12000-1M

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



| | |
|--------------|-----|
| | lb |
| | oz |
| | tol |
| Default unit | g |

| Display | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 109×27 mm |
| 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 surface (W×D) | 190×190 mm |
| Dimensions weighing surface | 190×190 mm |
| Dimensions weighing platform (W×D×H) | 190×190×89 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

| Functions | |
|---|------------------|
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | visual |
| Capacity - Display | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 120.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 100 mg |
| Smallest piece weight when piece counting - normal conditions | 1 g |
| Reference quantity | 10, 30, 50, 100 |
| IP protection - display | no IP protection |
| IP protection - platform | no IP protection |
| Tare function | manual (multi) |
| Number of keys for operation | 5 |

| Interface | |
|------------|-----------------|
| Interfaces | RS-232 standard |

| Category | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Precision balance |
| Product family | PNJ |

| Measuring System | |
|--|--|
| Weighing system | Tuning fork |
| Weighing capacity [Max] | 12000 g |
| Readability [d] | 0,1 g |
| Reproducibility | 0,1 g |
| Linearity | ± 0,2 g |
| Minimum weight [Min] | 5 g |
| Conformity assessment possible | ✓ |
| Resolution | 120.000 |
| Tare range | 12000 g |
| Adjustment options | Internal calibration (automatic) |
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,3 g |
| Units (if device is conformity assessed) | g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 200 g |
| Construction type of the scale | Single-range balance |
| Units | g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) mo |

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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 | |
| Plug-in power supply / adapter for countries - optional | CH | |
| | EURO | |
| | AUS | |
| | UK | |
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz | |
| | 5,95 V, 1 A | |
| | Power socket for mains adapter | Hollow plug, inside plus, Ø outside 4,75 mm, Ø inside 1,7 mm, long 9,5 mm |
| | | Battery voltage |
| Battery - Individual weight | 6,6 g | |

Environmental conditions

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

Approval

| | |
|---|-----|
| CE mark | ✓ |
| Conformity assessment possible ex works | ✓ |
| Accuracy classe | II |
| Verification scale interval [e] | 1 g |

Services (optional)

| | |
|--|---------|
| Article number for conformity assessment | 965-217 |
| 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) | 325×410×220 mm |
| Shipping method | Parcel service |
| Net weight approx. | 3,8 kg |
| Gross weight approx. | 5,0 kg |

Shipping weight 5,9 kg

Product information

| | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761179905 |
| REACH classification | no prohibited substances |

Pictograms

STANDARD



OPTION



FACTORY

