

KERN EG 2200-2NM

The classic balance with robust tuning fork measuring system



| Adjustment options | Adjusting with internal weight (manual) |
|--------------------------------|---|
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,03 g |

| Approval | |
|---|-------|
| CE mark | ✓ |
| Accuracy classe | II |
| Verification scale interval [e] | 0,1 g |
| Verification scale interval [e] (ct) | 1 ct |
| Conformity assessment possible ex works | ✓ |

| Display | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display screen size | 109×22 mm |
| Display backlight | ✓ |
| Display digit height | 17 mm |
| Languages of the user interface | Symbol language |

| Construction | |
|---------------------------------------|-----------------|
| Dimension housing (W×D×H) | 180×235×75 mm |
| Dimensions completely mounted (W×D×H) | 180×235×75 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | Stainless steel |
| Dimensions weighing surface (W×D) | 180×160 mm |
| Levelling feet adjustable | ✓ |

| Functions | |
|--|-----------------|
| Number of keys for operation | 5 |
| Auto-off interval(s) in mains power mode | 3 min |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min |
| Capacity - Display | ✓ |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Underfloor weighing | Eye (optional) |
| Interfaces | RS-232 standard |

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

| Measuring System | |
|--|---|
| Construction type of the scale | Single-range balance |
| Weighing system | Tuning fork |
| Weighing capacity [Max] | 2200 g |
| Weighing capacity [Max] (ct) | 11000 ct |
| Readability [d] | 0,01 g |
| Readability carat [d] (ct) | 0,1 ct |
| Resolution | 220.000 |
| Linearity | ± 0,01 g |
| Reproducibility | 0,01 g |
| Default unit | g |
| Units | g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz tol |
| Units (if device is conformity assessed) | g ct |
| Minimum weight [Min] | 0,5 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 20 g |
| Minimum weight [Min] (ct) | 5 ct |

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Counting

| | |
|---|-----------------|
| Smallest piece weight when piece counting - laboratory conditions | 10 mg |
| Smallest piece weight when piece counting - normal conditions | 100 mg |
| Reference quantity | 10, 30, 50, 100 |
| Counting resolution (laboratory conditions) | 220.000 |

Power Supply

| | |
|---|-------------------------|
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 12 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 UK US CH |
| Plug-in power supply / adapter for countries - optional | EURO UK US CH |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 12 h |
| Battery / accumulator type | NiCd |

Environmental conditions

| | |
|-------------------------------|-------|
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | 10 °C |
| Ambient temperature [Max] | 30 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 325×410×220 mm |
| Net weight | 3,84 kg |
| Shipping method | Parcel service |
| Net weight approx. | 4,0 kg |
| Gross weight approx. | 6 kg |
| Shipping weight | 5,9 kg |

Services (optional)

| | |
|--|---------|
| Article number for conformity assessment | 965-216 |
|--|---------|

Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION



FACTORY

