

KERN EW 6200-2NM

The classic balance with robust tuning fork measuring system



| | |
|----------------------------|--------|
| Maximum creep (15 minutes) | 100 mg |
| Maximum creep (30 minutes) | 200 mg |

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

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 |
| 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 | ✓ |
| Tolerance weighing - type of signal | visual |
| Underfloor weighing | Eye (optional) |
| Interfaces | RS-232 standard |

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) | 620.000 |

Category

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

Measuring System

| | |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Tuning fork |
| Weighing capacity [Max] | 6200 g |
| Readability [d] | 0,01 g |
| Resolution | 620.000 |
| Linearity | ± 0,03 g |
| Reproducibility | 0,01 g |
| Default unit | g |

| | |
|-------|---------------------|
| Units | g |
| | dwt |
| | tl (Tw) |
| | tl (HK) |
| | ozt |
| | tl (Singap, Malays) |
| | ct |
| | mo |
| | lb |
| | oz |
| tol | |

| | |
|--|------|
| USP Minimum weight of sample (k = 2, U = 0.1%) | 20 g |
|--|------|

| | |
|--------------------------------|--------------------------------|
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 5 kg (E2) |
| Stabilization time | 3 s |
| Warm-up time | 4 h |
| Eccentric loading at 1/3 [Max] | 0,03 g |

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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 AUS 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 |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 410×330×230 mm |
| Net weight | 2,874 kg |
| Shipping method | Parcel service |
| Net weight approx. | 3,0 kg |
| Gross weight approx. | 4,2 kg |
| Shipping weight | 6,2 kg |

Services (optional)

| | |
|---|---------|
| Article number for DAkkS calibration | 963-104 |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION

