

KERN 440-33N

The classic balance in the laboratory



| | |
|--------------------------------|--------|
| Eccentric loading at 1/3 [Max] | 0,03 g |
| Maximum creep (15 minutes) | 40 mg |
| Maximum creep (30 minutes) | 80 mg |

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

| Display | |
|----------------------|-------|
| Display type | LCD |
| Display backlight | ✓ |
| Display digit height | 15 mm |

| Construction | |
|---------------------------------|-----------------|
| Dimension housing (W×D×H) | 165×230×80 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Dimensions weighing surface (Ø) | 105 mm |

| Functions | |
|--|-------------------|
| Number of keys for operation | 5 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min / off |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Underfloor weighing | Hook (optional) |
| Interfaces | RS-232 standard |

| Counting | |
|---|-------------------|
| Smallest piece weight when piece counting - laboratory conditions | 20 mg |
| Smallest piece weight when piece counting - normal conditions | 200 mg |
| Reference quantity | 5, 10, 20, 25, 50 |
| Counting resolution (laboratory conditions) | 10.000 |

| Power Supply | |
|---|-------------------------------|
| Input voltage power supply / power [Max] | 100 - 240 V AC 50/60 Hz 0.5 A |
| Input voltage device / power [Max] | 9 V, 300 mA |
| Supplied power supply | Power supply unit |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK |

| Category | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Precision balance |
| Product family | 440 |

| Measuring System | |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 200 g |
| Readability [d] | 0,01 g |
| Resolution | 20.000 |
| Linearity | ± 0,02 g |
| Reproducibility | 0,01 g |
| Default unit | g |

| | |
|-------|---------|
| Units | kg |
| | g |
| | gn |
| | dwt |
| | tl (Tw) |
| | tl (HK) |
| | ozt |
| | ct |
| | mo |
| | lb |
| | oz |

| | |
|------------------------------|--------------------------------|
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 200 g (M1) |
| Possible calibration points | 50 g; 100 g; 150 g; 200 g |
| Stabilization time | 3 s |
| Warm-up time | 30 min |

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Pictograms

STANDARD



OPTION



| | |
|---|-------------------------|
| | US |
| | CH |
| Plug-in power supply / adapter for countries - optional | EURO UK US CH |
| Rechargeable battery optional | Rchrg. battery optional |
| Rechargeable battery charging time | 10 h |
| Rechargeable battery operating time - backlight off | 20 h |
| Battery | 9 V block |
| Battery / accumulator type | NiMH |
| Battery connection | 9V Bloc |
| Battery operating time | 20 h |

Environmental conditions

| | |
|-------------------------------|--------|
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 35 °C |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 210×350×175 mm |
| Net weight | 0,952 kg |
| Shipping method | Parcel service |
| Net weight approx. | 1,00 kg |
| Gross weight approx. | 1,4 kg |
| Shipping weight | 2,6 kg |

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-247 |
| Article number for DAkkS calibration | 963-127 |
| Article number for certificate of conformity (verification) | 969-517 |