# KERN 440-43N

The classic balance in the laboratory




| Article codes, product groups & Status information | |
|---|---|
| Model article-code | 440-43N |
| Model-Serie | 440 |
| Assortment | Scales |
| Product Type | Laboratory balances |
| Product group | Precision balances |
| Product usage type | Main article |
| EAN code (Model) | 4045761012998 |
| Successor Model | PCB 2.000-1 |
| Planned start date | 2004-1HJ |
| Customs tariff number | 84238129 |
| CE Label | Yes |
| Country of Origin | CN |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 400 g |
| Readability | 0,1 g |
| Repeatability | 0,1 g |
| Linearity | ± 0,2 g |
| Minimum piece weight | 2 g |
| Weighing surface (d) | 130×130 mm |

| Technical data - Construction | |
|---|---|
| Dimension housing (W×D×H) | 165×230×80 mm |
| Material weighing plate | Stainless steel |
| Casing material | Plastic |
| Dimensions of weighing plate (W×D) | 130×130 mm |
| Weighing surface (d) | 130×130 mm |

| Technical data - Display | |
|---|---|
| Display height | 15 mm |
| Backlight | Yes |

| Technical data - Power supply | |
|---|---|
| Battery | 9 V Block |
| Operating time | 20 h |
| Mains adapter/adapter included | CH;EURO;UK;US |
| Charging time | 10 h |
| Input Voltage | 100-240V AC 50/60Hz 5A |
| Operating time (Backlight off) | 20 h |
| Rechargeable battery | Rchrg. battery optional |
| Interfaces | RS-232 standard |

| Technical data - Measuring system | |
|---|---|
| Calibration method | Adjusting with external weight |
| Linearity | ± 0,2 g |
| Minimum weight (USP) | 200 g |
| Readability | 0,1 g |
| Recommended adjusting weight | 200 g (M2); 200 g (M2) |
| Repeatability | 0,1 g |
| Stabilisation time under laboratory conditions | 3 s |
| Warm up time | 10 min |

| Technical data - Environmental conditions | |
|---|---|
| Maximum humidity | 80 % |
| Maximum operating temperature | 35 °C |
| Minimum ambient temperature | 5 °C |

| Technical data - Packing & Shipping | |
|---|---|
| Dimensions packaging (W×D×H) | 205×345×175 mm |
| Gross weight | 1,6 kg |
| Net weight | 1,2 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - paper | 17 g |
| Packaging component - by weight - cardboard | 1.206 g |
| Packaging component - by weight - plastics | 13 g |
| Packaging component - by weight - styrofoam | 201 g |
| Packaging component - by weight - wood | 0 g |
| Packaging component - by weight - foam | 78 g |
| Delivery time | 1 d |

| Technical data - Counting data | |
|---|---|
| Counting resolution | 2.000 |
| Mininum piece weight at piece counting (Laboratory) | 200 mg |
| Minimum piece weight | 2 g |

| Optional Services | |
|---|---|
| DAkkS Calibration | 963-127 |

## Functions

Standard




Option

