# KERN PWS 800-2

High-resolution precision balance made of stainless steel with IP protection




| Article codes, product groups & Status information | |
|---|---|
| Model article-code | PWS 800-2 |
| Model-Serie | PWS |
| Assortment | Scales |
| Product Type | Laboratory balances |
| Product group | Precision balances |
| Product usage type | Main article |
| EAN code (Model) | 4045761311275 |
| Successor Model | PWS 800-2-2.027e |
| Planned start date | 2023-1HJ |
| Customs tariff number | 90160010 |
| CE Label | Yes |
| Country of Origin | JP |

| Technical data - Primary | |
|---|---|
| Weighing capacity | 820 g |
| Readability | 0,01 g |
| Repeatability | 0,01 g |
| Linearity | ± 0,01 g |
| Minimum piece weight | 100 mg |
| Weighing surface (d) | 140 mm |

| Technical data - Construction | |
|---|---|
| Dimension housing (W×D×H) | 310×205×85 mm |
| Bubble Level | Yes |
| Material weighing plate | Stainless steel |
| Revolving screw feet | Yes |
| Casing material | Stainless steel |
| Weighing surface (d) | 140 mm |
| Dimensions of weighing plate (diameter) | 140 mm |

| Technical data - Display | |
|---|---|
| Display height | 16,5 mm |
| Backlight | Yes |

| Technical data - Power supply | |
|---|---|
| Mains adapter/adapter included | AUS;CH;EURO;UK;US |
| Input Voltage | 100 V - 240V AC 50/60Hz 0,3A |
| Interfaces | RS-232 standard |

| Technical data - Measuring system | |
|---|---|
| Calibration method | Adjusting with external weight |
| Linearity | ± 0,01 g |
| Minimum weight (USP) | 20 g |
| Readability | 0,01 g |
| Recommended adjusting weight | 200 g (F2); 500 g (F2) |
| Repeatability | 0,01 g |
| Stabilisation time under laboratory conditions | 3 s |
| Tare range | 820 g |
| Warm up time | 120 min |

| Technical data - Environmental conditions |
|---|

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| | |
|---|---|
| Maximum humidity | 80 % |
| Maximum operating temperature | 30 °C |
| Minimum ambient temperature | 10 °C |

## Technical data - Packing & Shipping

| | |
|---|---|
| Dimensions packaging (W×D×H) | 408×315×220 mm |
| Gross weight | 3,4 kg |
| Net weight | 2,4 kg |
| Shipping method | Parcel service |
| Packaging component - by weight - paper | 165 g |
| Packaging component - by weight - cardboard | 905 g |
| Packaging component - by weight - plastics | 30 g |
| Packaging component - by weight - styrofoam | 0 g |
| Packaging component - by weight - wood | 0 g |
| Packaging component - by weight - foam | 100 g |
| Delivery time | 1 d |

## Technical data - Counting data

| | |
|---|---|
| Counting resolution | 82.000 |
| Mininum piece weight at piece counting (Laboratory) | 10 mg |
| Minimum piece weight | 100 mg |

## Optional Services

| | |
|---|---|
| DAkkS Calibration | 963-127 |

## Functions

### Standard




### Option

