

KERN PBS 6200-2M

Multifunctional laboratory balance with single-cell weighing system



| Display | |
|----------------------|-------|
| Display type | LCD |
| Display backlight | ✓ |
| Display digit height | 14 mm |

| Construction | |
|--------------------------------------|-----------------|
| Dimension housing (W×D×H) | 340×220×78 mm |
| Dimensions weighing platform (W×D×H) | 180×190×15 mm |
| Material display housing | Plastics |
| Material housing | cast aluminium |
| Material weighing plate | stainless steel |
| Dimensions weighing surface (W×D) | 180×190 mm |
| Levelling feet adjustable | ✓ |

| Functions | |
|---|-----------------------------|
| Number of keys for operation | 6 |
| Capacity display | ✓ |
| PreTare function | ✓ |
| Tare function | manual (multi) |
| Density determination | ✓ |
| Dispensing function | ✓ |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | visual |
| Function for averaging under unstable weighing conditions | ✓ |
| Standby function | ✓ |
| Peak function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Underfloor weighing | Hook (included in delivery) |
| 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, 25, 50, 100, n (any number of pieces) |
| Counting resolution (laboratory conditions) | 620.000 |

Category

| | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Precision balance |
| Product family | PBS |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Single-Cell |
| Weighing capacity [Max] | 6200 g |
| Readability [d] | 0,01 g |
| Resolution | 620.000 |
| Linearity | ± 0,02 g |
| Reproducibility | 0,01 g |
| Default unit | g |
| Units | kg g ct |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 20 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 6 kg (E2) |
| Stabilization time | 2,5 s |
| Warm-up time | 4 h |
| Eccentric loading at 1/3 [Max] | 0,05 g |
| Maximum creep (15 minutes) | 100 mg |
| Maximum creep (30 minutes) | 200 mg |

Approval

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

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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 DC, 1000 mA |
| 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 |

Environmental conditions

| | |
|-------------------------------|--------|
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | 10 °C |
| Ambient temperature [Max] | 30 °C |
| Storage temperature [Min] | -10 °C |
| Storage temperature [Max] | 50 °C |

Packing & Shipping

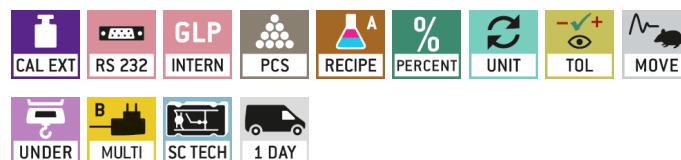
| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 450×370×255 mm |
| Net weight | 3,243 kg |
| Shipping method | Parcel service |
| Net weight approx. | 3,4 kg |
| Gross weight approx. | 5,0 kg |
| Shipping weight | 8,5 kg |

Services (optional)

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

Pictograms

STANDARD



OPTION

