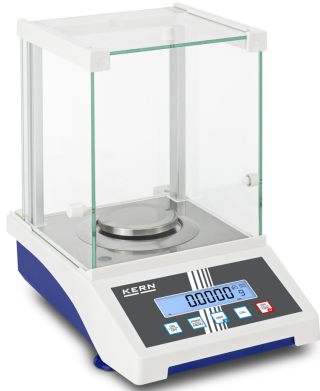


KERN AXS 200-4

KERN

Entry level analytical balance with compact housing and external adjustment



Category

| | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Analytical balance |
| Product family | AXS |

Measuring System

| | |
|--|--------------------------------|
| Weighing system | Force compensation |
| Weighing capacity [Max] | 220 g |
| Readability [d] | 0,0001 g |
| Reproducibility | 0,0005 g |
| Linearity | ± 0,0007 g |
| Resolution | 2.200.000 |
| Tare range | 220 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 200 g (E2) |
| Possible calibration points | 200 g |
| Stabilization time | 3 s |
| Warm-up time | 8 h |
| Eccentric loading at 1/3 [Max] | 0,0003 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 400 mg |
| Construction type of the scale | Single-range balance |
| Units | g mg ct oz |
| Maximum creep (15 minutes) | 1 mg |
| Maximum creep (30 minutes) | 2 mg |
| Default unit | g |

Display

| | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 96×24 mm |
| Display segments | 7 |
| Display digit height | 16 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|---|-----------------|
| Dimension housing (W×D×H) | 195×300×295 mm |
| Dimensions rectangular draught shield - inner (W×D×H) | 175×150×205 mm |
| Dimensions rectangular draught shield - outer (W×D×H) | 180×175×200 mm |
| Dimensions weighing surface (Ø) | 80 mm |
| Dimensions weighing surface | 80 mm |
| Material housing | ABS plastic |
| Material weighing plate | stainless steel |
| Material draught shield | glass |
| Material display housing | plastic |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |

Functions

| | |
|---|-------------------------|
| Recipe/summing level | Rez A (Net total) |
| Percentage determination | ✓ |
| Standby function | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 220.000 |
| Smallest piece weight when piece counting - laboratory conditions | 1 mg |
| Smallest piece weight when piece counting - normal conditions | 10 mg |
| Reference quantity | 5, 10, 20, 50, 100, 200 |
| Tare function | manual (multi) |
| Number of keys for operation | 5 |

Interface

| | |
|------------|-----------------|
| Interfaces | RS-232 standard |
|------------|-----------------|

Power Supply

| | |
|---|-------------------|
| Supplied power supply | Power supply unit |
| Power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK |

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Pictograms

STANDARD



OPTION



| | |
|---|--|
| | US CH |
| | EURO |
| Plug-in power supply / adapter for countries - optional | UK US CH |
| Input voltage power supply / power [Max] | 100 V - 240 V AC, 50 / 60 Hz |
| Power supply cable removable | removable |
| Input voltage device / power [Max] | 9 V, 3 A |
| Power socket for mains adapter | Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm |

Environmental conditions

| | |
|-------------------------------|--------|
| Ambient temperature [Min] | 15 °C |
| Ambient temperature [Max] | 25 °C |
| Humidity of environment [Min] | 20 % |
| Humidity of environment [Max] | 85 % |
| Use temperature [Min] | 15 °C |
| Use temperature [Max] | 25 °C |
| Storage temperature [Min] | -10 °C |
| Storage temperature [Max] | 40 °C |

Approval

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

Services (optional)

| | |
|--|---------|
| Article number for DAkkS calibration | 963-101 |
| Article number for certificate of conformity | 969-517 |

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 320×430×415 mm |
| Shipping method | Parcel service |
| Net weight approx. | 5,0 kg |
| Gross weight approx. | 8 kg |
| Shipping weight | 11,4 kg |

Product information

| | |
|----------------------|--------------------------|
| GTIN/EAN number | 4045761478947 |
| REACH classification | no prohibited substances |