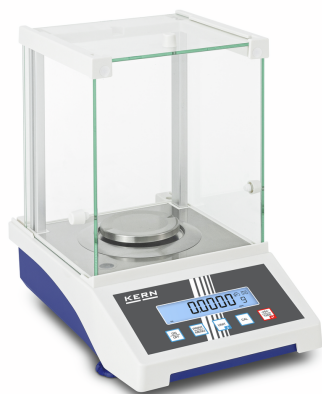


# KERN AXS 200-4

**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

|  |                                |
|--|--------------------------------|
| Construction type of the scale                 | Single-range balance           |
| Weighing system                                | Force compensation             |
| Weighing capacity [Max]                        | 220 g                          |
| Readability [d]                                | 0,0001 g                       |
| Reproducibility                                | 0,0002 g                       |
| Linearity                                      | ± 0,0003 g                     |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 400 mg                         |
| Resolution                                     | 2.200.000                      |
| Tare range                                     | 220 g                          |
| Adjustment options                             | Adjusting with external weight |
| Recommended adjusting weight                   | 200 g (E2)                     |
| Stabilization time                             | 3 s                            |
| Warm-up time                                   | 8 h                            |
| Eccentric loading at 1/3 [Max]                 | 0,0003 g                       |
| Maximum creep (15 minutes)                     | 1 mg                           |
| Maximum creep (30 minutes)                     | 2 mg                           |
| Default unit                                   | g                              |
|  | g                              |
| Units  | mg                             |
|  | ct                             |
|  | oz                             |

## Display

|              |     |
|--------------|-----|
| Display type | LCD |
|--------------|-----|

|                                 |                 |
|---------------------------------|-----------------|
| Display backlight               | ✓               |
| Display screen size             | 96x24 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                              | Plastics        |
| 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            |
| Plug-in power supply type   | Power adapter                |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>US<br>CH       |
| Input voltage power supply / power [Max]                                  | 100 V - 240 V AC, 50 / 60 Hz |

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Input voltage device / power [Max] 9 V, 3 A

## 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 (verification) | 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        |

## Pictograms

### STANDARD



### OPTION

