

KERN ADJ 200-4

KERN

The price leader in analytical balances with internal adjustment



| | |
|--------------------------------|----------|
| Eccentric loading at 1/3 [Max] | 0,0005 g |
| Maximum creep (15 minutes) | 1 mg |
| Maximum creep (30 minutes) | 2 mg |

Approval

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

Display

| | |
|---------------------------------------|-----------------|
| Display type | LCD |
| Display type | 7 segment LED |
| Display backlight | ✓ |
| Display digit height - smallest digit | 16 mm |
| Display digit height | 16 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|---|-------------------------|
| Dimension housing (W×D×H) | 230×310×330 mm |
| Dimensions rectangular draught shield - inner (W×D×H) | 170×160×205 mm |
| Dimensions rectangular draught shield - outer (W×D×H) | 175×175×230 mm |
| Material display housing | Plastics |
| Material housing | cast aluminium, plastic |
| Material weighing plate | stainless steel |
| Material draught shield | glass |
| Dimensions weighing surface (Ø) | 90 mm |
| Levelling feet adjustable | ✓ |

Functions

| | |
|------------------------------|-----------------|
| Number of keys for operation | 6 |
| Tare function | manual (multi) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Standby function | ✓ |
| Interfaces | RS-232 standard |

Counting

| | |
|---|--------------------|
| 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 |
| Counting resolution (laboratory conditions) | 220.000 |

Category

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

Measuring System

| | |
|--------------------------------|----------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Force compensation |
| Weighing capacity [Max] | 220 g |
| Weighing capacity [Max] (ct) | 1100 ct |
| Readability [d] | 0,0001 g |
| Readability carat [d] (ct) | 0,0005 ct |
| Resolution | 2.200.000 |
| Linearity | ± 0,0004 g |
| Reproducibility | 0,0002 g |
| Default unit | g |

| | |
|-------|----|
| Units | g |
| | ct |
| | lb |
| | oz |

USP Minimum weight of sample (k = 2, U = 0.1%) 400 mg

| | |
|---|----------------------------------|
| Adjustment options | Internal calibration (automatic) |
| Recommended adjusting weight | 200 g (E2) |
| Possible calibration points | 100 g; 200 g |
| Automatic adjustment - Standard temperature deviation | 2 °C |
| Automatic adjustment - Standard time interval | 3 h |
| Stabilization time | 3 s |
| Warm-up time | 8 h |

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Power Supply

| | |
|---|-----------------------------------|
| Input voltage power supply / power [Max] | 100 - 265 V; 50 - 60 Hz; 2,0 A |
| Input voltage device / power [Max] | 12 V; 2 A |
| 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 |

Environmental conditions

| | |
|-------------------------------|--------|
| Humidity of environment [Min] | 20 % |
| Humidity of environment [Max] | 85 % |
| Ambient temperature [Min] | 10 °C |
| Ambient temperature [Max] | 30 °C |
| Storage temperature [Min] | -10 °C |
| Storage temperature [Max] | 40 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 325×443×396 mm |
| Net weight | 5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 5,0 kg |
| Gross weight approx. | 8 kg |
| Shipping weight | 11,4 kg |

Services (optional)

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

Pictograms

STANDARD



OPTION

