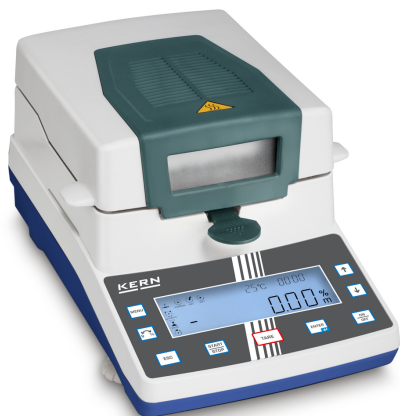


KERN DAB 200-2IR

KERN

Particularly user-friendly moisture analyzer with high-quality infrared quartz glass heater - ideal for recurring rapid tests



Category

| | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Moisture analyser |
| Product family | DAB |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 200 g |
| Readability [d] | 0,01 g |
| Readability moisture [d] (%) | 0,05% |
| Temperature increment | 1 °C |
| Reproducibility | 0,01 g |
| Reproducibility weight of sample 2 g | 1,5% |
| Reproducibility weight of sample 10 g | 0,3% |
| Linearity | ± 0,03 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 20 g |
| Resolution | 20.000 |
| Tare range | 200 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 200 g (F2) |
| Possible calibration points | 200 g |
| Stabilization time | 3 s |
| Warm-up time | 30 min |
| Eccentric loading at 1/3 [Max] | 0,05 g |
| Maximum creep (15 minutes) | 40 mg |
| Maximum creep (30 minutes) | 80 mg |
| Default unit | g |

| | |
|-------|-------------------------------|
| Units | g % Humidity % Dry mass |
|-------|-------------------------------|

| | |
|--|---|
| Units (if device is conformity assessed) | g |
|--|---|

| | |
|------------------------|-------|
| Temperature [Min] (°C) | 40 °C |
|------------------------|-------|

| | |
|------------------------|--------|
| Temperature [Max] (°C) | 160 °C |
|------------------------|--------|

| | |
|----------------------|--------|
| Load cell connection | 4-wire |
|----------------------|--------|

Display

| | |
|--------------|---------|
| Display type | graphic |
|--------------|---------|

| | |
|-------------------|---|
| Display backlight | ✓ |
|-------------------|---|

| | |
|---------------------|------|
| Display screen size | 5.4" |
|---------------------|------|

| | |
|------------------|---|
| Display segments | 7 |
|------------------|---|

| | |
|---------------------------------------|------|
| Display digit height - smallest digit | 6 mm |
|---------------------------------------|------|

| | |
|----------------------|-------|
| Display digit height | 14 mm |
|----------------------|-------|

Construction

| | |
|---------------------------------------|----------------|
| Dimensions completely mounted (W×D×H) | 240×365×180 mm |
|---------------------------------------|----------------|

| | |
|---------------------------------|-------|
| Dimensions weighing surface (Ø) | 92 mm |
|---------------------------------|-------|

| | |
|-----------------------------|-------|
| Dimensions weighing surface | 92 mm |
|-----------------------------|-------|

| | |
|------------------|-------------------------|
| Material housing | cast aluminium, plastic |
|------------------|-------------------------|

| | |
|-------------------------|-------------------------|
| Material weighing plate | aluminium sample plates |
|-------------------------|-------------------------|

| | |
|-----------------------|-----------|
| Material load cell(s) | aluminium |
|-----------------------|-----------|

| | |
|-----------------|---|
| Level indicator | ✓ |
|-----------------|---|

| | |
|---------------------------|---|
| Levelling feet adjustable | ✓ |
|---------------------------|---|

| | |
|------------------------------|-----|
| Heat generation capacity (W) | 400 |
|------------------------------|-----|

Functions

| | |
|--------------|--|
| Drying modes | Standard drying Rapid drying Gentle drying |
|--------------|--|

| | |
|------------------------------------|----|
| Memory - number of drying programs | 15 |
|------------------------------------|----|

| | |
|---------------------|--|
| Switch-off criteria | time controlled automatic manual |
|---------------------|--|

| | |
|-----------------|---|
| Memory function | ✓ |
|-----------------|---|

| | |
|----------------------------|---|
| Memory - number of results | 5 |
|----------------------------|---|

| | |
|--|---|
| Memory - number of sample (descriptions) | 5 |
|--|---|

| | |
|--|-----|
| Auto-off interval(s) in mains power mode | off |
|--|-----|

| | |
|---------------|----------------|
| Tare function | manual (multi) |
|---------------|----------------|

| | |
|------------------------------|---|
| Number of keys for operation | 9 |
|------------------------------|---|

KERN DAB 200-2IR

KERN

Particularly user-friendly moisture analyzer with high-quality infrared quartz glass heater - ideal for recurring rapid tests

Interface

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

Power Supply

| | |
|---|-----------------------|
| Supplied power supply | Power supply unit |
| Plug-in power supply type | Built-in power supply |
| Plug-in power supply / adapter for countries - optional | UK |
| Input voltage power supply / power [Max] | 230 V AC, 50 Hz |
| Input voltage device / power [Max] | 230 V AC, 50 Hz |
| Battery | no battery |

Environmental conditions

| | |
|-------------------------------|-------|
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 40 °C |
| Humidity of environment [Min] | 5 % |
| Humidity of environment [Max] | 80 % |

Approval

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

Services (optional)

| | |
|---|---------|
| Article number for adjustment at the location of installation | 961-247 |
| Article number for DAkkS calibration | 963-127 |
| Article number for factory calibration (temperature) | 964-305 |
| Article number for certificate of conformity (verification) | 969-517 |

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 490×350×360 mm |
| Net weight | 5 kg |
| Shipping method | Parcel service |
| Net weight approx. | 5,0 kg |
| Gross weight approx. | 8 kg |
| Shipping weight | 12,3 kg |

Pictograms

STANDARD



OPTION

