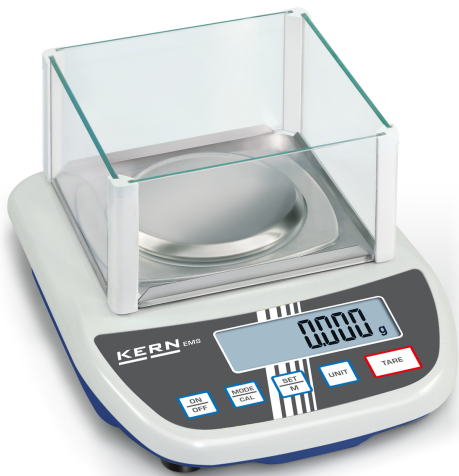


KERN EMS 300-3

Entry level model in the low-cost range with large weighing plate



| | |
|---------------------------------|-----------------|
| Display backlight | no |
| Display digit height | 25 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|---|----------------------------------|
| Dimension housing (W×D×H) | 200×280×65 mm |
| Dimensions completely mounted (W×D×H) | 200×280×126 mm |
| Dimensions rectangular draught shield - inner (W×D×H) | 145×145×65 mm |
| Dimensions rectangular draught shield - outer (W×D×H) | 165×165×80 mm |
| Dimensions weighing surface (Ø) | 105 mm |
| Dimensions weighing surface | 105 mm |
| Material housing | plastic |
| Material weighing plate | plastic, with conductive lacquer |
| Material display housing | Plastics |

Functions

| | |
|---|-------------------|
| Recipe/summing level | Rez A (Net total) |
| Percentage determination | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 150.000 |
| Smallest piece weight when piece counting - laboratory conditions | 2 mg |
| Smallest piece weight when piece counting - normal conditions | 20 mg |
| Reference quantity | 5, 10, 20, 25, 50 |
| IP protection - complete device | - |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min |
| Tare function | manual (multi) |
| Number of keys for operation | 5 |

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 UK US CH |
| Input voltage power supply / power [Max] | 220 V - 240 V AC, 50 Hz |
| Input voltage device / power [Max] | 9 V, 300 mA |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery | 9 V block |
| Battery connection | 9V Bloc |

Category

| | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | School balance |
| Product family | EMS |

Measuring System

| | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 300 g |
| Readability [d] | 0,001 g |
| Reproducibility | 0,002 g |
| Linearity | ± 0,005 g |
| Resolution | 300.000 |
| Tare range | 300 g |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 300 g (F1) |
| Possible calibration points | 300 g |
| Stabilization time | 3 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,005 g |
| Maximum creep (15 minutes) | 10 mg |
| Maximum creep (30 minutes) | 20 mg |
| Default unit | g |
| Units | g dwt ozt oz |

Display

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

KERN EMS 300-3

Entry level model in the low-cost range with large weighing plate

| | |
|---|-------------------------|
| Battery operating time | 40 h |
| Rechargeable battery operating time - backlight off | 50 h |
| Rechargeable battery optional | Rchrg. battery optional |

Environmental conditions

| | |
|-------------------------------|--------|
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 35 °C |
| Humidity of environment [Min] | 40 % |
| Humidity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Approval

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

Services (optional)

| | |
|---|---------|
| Article number for DAkkS calibration | 963-127 |
| Article number for certificate of conformity (verification) | 969-517 |

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 240×485×170 mm |
| Shipping method | Parcel service |
| Net weight approx. | 1,4 kg |
| Gross weight approx. | 2,2 kg |
| Shipping weight | 4 kg |

Pictograms

STANDARD



OPTION

