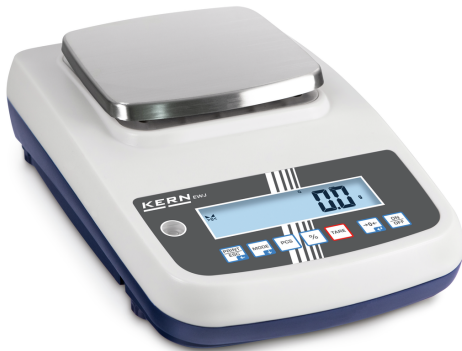


KERN EWJ 6000-1M

KERN

High-quality precision balance with automatic internal adjustment, verification optional



| Category | |
|------------------|--------------------|
| Brand | KERN |
| Product category | Laboratory balance |
| Product group | Precision balance |
| Product family | EWJ |

| Measuring System | |
|--|----------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 6000 g |
| Readability [d] | 0,1 g |
| Reproducibility | 0,1 g |
| Linearity | ± 0,3 g |
| USP Minimum weight of sample (k = 2, U = 0.1%) | 200 g |
| Minimum weight [Min] | 5 g |
| Resolution | 60.000 |
| Tare range | 5999,9 g |
| Adjustment options | Internal calibration (automatic) |
| Automatic adjustment - Standard time interval | 2 h |
| Stabilization time | 2 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,3 g |
| Default unit | g |
| Units | g |
| Units (if device is conformity assessed) | g |
| Conformity assessment possible | ✓ |
| Loadcell type | aluminium IP65 silicone-coated |

| Display | |
|---------------------------------|----------------------------|
| Display type | LCD |
| Display backlight | ✓ |
| Display screen size | 129 x 27 |
| Display digit height | 21 mm |
| Languages of the user interface | English Symbol language |

| Construction | |
|-------------------------------------|-----------------|
| Dimension housing (W×D×H) | 220×340×105 mm |
| Dimensions weighing surface (W×D) | 155×145 mm |
| Dimensions weighing surface | 155×145 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | Stainless steel |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Transport safety lock - bolt torque | 0,1 Nm |

| Functions | |
|---|-----------------------------------|
| PreTare function | ✓ |
| Recipe/summing level | Rez A (Net total) |
| Percentage determination | ✓ |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically visual |
| Function for averaging under unstable weighing conditions | ✓ |
| Capacity - Display | ✓ |
| Counting function | ✓ |
| Counting resolution (laboratory conditions) | 60.000 |
| Counting reference weight can be entered | ✓ |
| Smallest piece weight when piece counting - laboratory conditions | 100 mg |
| Smallest piece weight when piece counting - normal conditions | 1 g |
| Reference quantity | 5, 10, 20, 50, free, Input |
| Hold function | ✓ |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 5 min 2 min 1 min 30 min |

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| | |
|------------------------------|------------------|
| | 60 min 30 sec |
| Tare function | manual (multi) |
| Number of keys for operation | 7 |

Interface

| | |
|------------|---|
| Interfaces | RS-232 standard Bluetooth BTC (v2.0) (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device |
|------------|---|

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 |

| | |
|---|-------------------------------|
| Plug-in power supply / adapter for countries - optional | EURO AUS UK US CH |
|---|-------------------------------|

| | |
|--|---------------------------|
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
|--|---------------------------|

| | |
|------------------------------------|--------------|
| Input voltage device / power [Max] | 12 V, 500 mA |
|------------------------------------|--------------|

| | |
|----------------------------|----|
| Battery / accumulator type | Pb |
|----------------------------|----|

| | |
|--------------------|----------------------|
| Battery connection | 2-pole tub connector |
|--------------------|----------------------|

| | |
|--|------|
| Rechargeable battery operating time - backlight on | 32 h |
|--|------|

| | |
|---|------|
| Rechargeable battery operating time - backlight off | 57 h |
|---|------|

| | |
|------------------------------------|-------|
| Rechargeable battery charging time | 6,5 h |
|------------------------------------|-------|

| | |
|-------------------------------|----------------------------------|
| Rechargeable battery optional | Rchrg. battery optional - intern |
|-------------------------------|----------------------------------|

Environmental conditions

| | |
|---------------------------|-------|
| Ambient temperature [Min] | 10 °C |
|---------------------------|-------|

| | |
|---------------------------|-------|
| Ambient temperature [Max] | 35 °C |
|---------------------------|-------|

| | |
|-------------------------------|------|
| Humidity of environment [Max] | 80 % |
|-------------------------------|------|

Approval

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

| | |
|---|---|
| Conformity assessment possible ex works | ✓ |
|---|---|

| | |
|-----------------|----|
| Accuracy classe | II |
|-----------------|----|

| | |
|---------------------------------|-----|
| Verification scale interval [e] | 1 g |
|---------------------------------|-----|

Services (optional)

| | |
|--|---------|
| Article number for conformity assessment | 965-217 |
|--|---------|

| | |
|--------------------------------------|---------|
| Article number for DAkkS calibration | 963-128 |
|--------------------------------------|---------|

| | |
|--|---------|
| Article number for certificate of conformity | 969-517 |
|--|---------|

Packing & Shipping

| | |
|---------------|-----|
| Delivery time | 1 d |
|---------------|-----|

| | |
|------------------------------|----------------|
| Dimensions packaging (W×D×H) | 410×295×275 mm |
|------------------------------|----------------|

| | |
|-----------------|----------------|
| Shipping method | Parcel service |
|-----------------|----------------|

| | |
|--------------------|--------|
| Net weight approx. | 3,4 kg |
|--------------------|--------|

| | |
|----------------------|--------|
| Gross weight approx. | 4,6 kg |
|----------------------|--------|

| | |
|-----------------|--------|
| Shipping weight | 6,7 kg |
|-----------------|--------|

Pictograms

STANDARD

OPTION

FACTORY