

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

Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,1 g
Resolution	60.000
Linearity	± 0,3 g
Reproducibility	0,1 g
Tare range	5999,9 g
Default unit	g
Units	g
Units (if device is conformity assessed)	g
Minimum weight [Min]	5 g
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	6 kg (F1)
Automatic adjustment - Standard time interval	2 h
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,3 g
Loadcell type	aluminium IP65 silicone-coated

Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	II
Verification scale interval [e]	1 g
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display backlight	LED white
Display digit height	16,5 mm

Construction

Dimension housing (W×D×H)	215×340×105 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	155×145 mm
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓

Functions

Number of keys for operation	7
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Recipe/summing level	Rez A (Net total)
Interfaces	RS-232 standard USB-Device
IP protection - display	no IP protection
IP protection - load cell	IP65

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	60.000

KERN EWJ 6000-1M



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

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V DC, 2500 mA
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 CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	20 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	15 °C
Ambient temperature [Max]	30 °C

Packing & Shipping

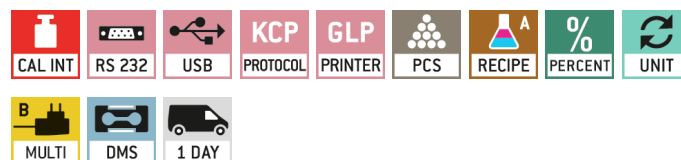
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	390×285×270 mm
Net weight	3,4 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	6 kg

Services (optional)

Article number for conformity assessment	965-217
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

