

KERN EWJ 6000-2

High-quality precision balance with automatic internal adjustment

KERN



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]	0,01 g
Reproducibility	0,03 g
Linearity	± 0,05 g
USP Minimum weight of sample (k = 2, U = 0.1%)	60 g
Resolution	600.000
Adjustment options	Internal calibration (automatic)
Recommended adjusting weight	6 kg (E2)
Possible calibration points	2 kg; 4 kg; 6 kg
Automatic adjustment - Standard time interval	2 h
Stabilization time	6 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,04 g
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g
Units	kg
	g
	gn
	dwt
	tl (Tw)

	tl (HK)
	ozt
	tl (Singap, Malays)
	ct
	mo
	lb
	oz
	ffa
	tol
	m
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)	600.000
Counting reference weight can be entered	✓

KERN EWJ 6000-2

KERN

High-quality precision balance with automatic internal adjustment

Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
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
	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	✓
---------	---

Services (optional)

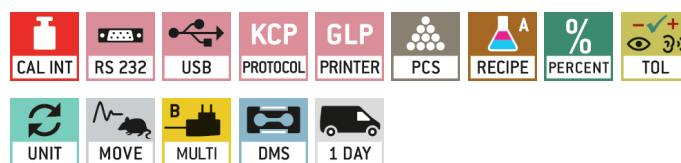
Article number for DAkKS calibration	963-104
Article number for certificate of conformity (verification)	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	410×295×275 mm
Net weight	3,15 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,6 kg
Shipping weight	6,7 kg

Pictograms

STANDARD



OPTION



FACTORY



ENRICO BRUNO s.r.l.

APPARECCHI SCIENTIFICI
SANITARI - INDUSTRIALI

www.enrico-bruno.it