

KERN FKB 6K0.02

High resolution bench scale with large weighing range and robust stainless steel weighing plate



Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display screen size	120×38 mm
Display digit height	25 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	350×390×120 mm
Dimensions weighing platform (W×D×H)	340×240×21 mm
Material display housing	Plastics
Material housing	ABS plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	340×240 mm
Levelling feet adjustable	✓
Level indicator	✓

Functions

Recipe/summing level	Sum A
Percentage determination	✓
Conversion function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	Hook (included in delivery)
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	300.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 50, n (any number of pieces)
IP protection - display	no IP protection
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min

Category

Brand	KERN
Product category	Industrial scale
Product group	Bench scale
Product family	FKB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,00002 kg
Resolution	300.000
Linearity	± 0,0001 kg
Reproducibility	0,00004 kg

Units	kg
	g
	gn
	dwt
	ozt
	lb
	oz ffa

Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F1); 1 kg (F1)
Possible calibration points	2 kg; 4 kg; 6 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,0001 kg
Default unit	kg
Maximum creep (30 minutes)	400 mg
Construction type of the scale	Single-range balance
Maximum creep (15 minutes)	200 mg

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	1 min
	30 min
	60 min
	30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	6

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 UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
Battery / accumulator type	Li-Ion
Battery	4× 1.5 V AA
Battery connection	Battery insert
Battery operating time	20 h
Rechargeable battery operating time - backlight on	24 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	470×470×190 mm
Net weight	6,5 kg
Shipping method	Parcel service
Net weight approx.	7 kg

Gross weight approx.	8 kg
Shipping weight	8,4 kg

Services (optional)

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

Interface

Interfaces	RS-232 (optional) Ethernet (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
EasyTouch (ET) - Compatibility	vollständig

Pictograms

STANDARD



OPTION

