

KERN FKB 65K1

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



Approval

CE mark ✓

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 ✓
 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) 32.500
 Counting reference weight can be
 entered ✓
 Smallest piece weight when piece
 counting - laboratory conditions 2 g
 Smallest piece weight when piece
 counting - normal conditions 20 g
 Reference quantity 5, 10, 20, 50, n (any
 number of pieces)
 IP protection - display no IP protection
 5 min
 Auto-off interval(s) in battery
 mode/rechargeable battery mode 2 min
 1 min
 30 min

Category

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

Measuring System

Weighing system Strain gauge
 Weighing capacity [Max] 65 kg
 Readability [d] 0,001 kg
 Resolution 65.000
 Linearity ± 0,003 kg
 Reproducibility 0,001 kg

Units kg
 g
 gn
 dwt
 ozt
 lb
 oz
 ffa

Adjustment options Adjusting with external
 weight
 Recommended adjusting weight 60 kg (F2)
 Possible calibration points 20 kg; 40 kg; 60 kg
 Stabilization time 3 s
 Warm-up time 120 min
 Eccentric loading at 1/3 [Max] 0,005 kg
 Default unit kg
 Maximum creep (30 minutes) 20 g
 Construction type of the scale Single-range balance
 Maximum creep (15 minutes) 10 g

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	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	963-129
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

