

KERN FKB 65K0.2-2022a

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



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	65 kg
Readability [d]	0,0002 kg
Resolution	325.000
Linearity	± 0,002 kg
Reproducibility	0,0002 kg

Units	kg
	g
	gn
	dwt
	ozt
	lb
	oz ffa

Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (E2); 10 kg (E2)
Possible calibration points	15 kg; 30 kg; 50 kg; 60 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,002 kg
Default unit	kg
Maximum creep (30 minutes)	4 g
Construction type of the scale	Single-range balance
Maximum creep (15 minutes)	2 g

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display screen size	120×38 mm
Display digit height	25 mm

Construction

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

Functions

PreTare function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Conversion function	✓
Tolerance weighing	✓
Underfloor weighing	Hook (included in delivery)
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	325.000
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 25, 50, 100
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	1 min
Tare function	manual (multi)

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
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Plug-in power supply type	Power adapter
	EURO
Plug-in power supply / adapter for countries - included with the delivery	AUS UK US CH
	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
Input voltage device / power [Max]	9 V, 1 A
Battery	6× 1.5 V AA
Battery operating time	80 h
Rechargeable battery	PCB-A01
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	90 h
Rechargeable battery charging time	10 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)

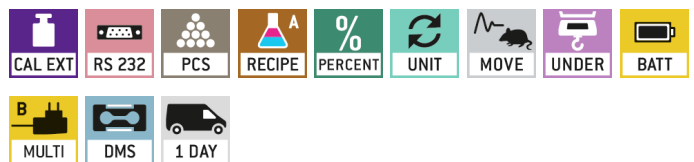
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

Interface

Interfaces	RS-232 standard Ethernet (optional, factory) WiFi (optional, factory) USB-Device (optional, factory)
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Pictograms

STANDARD



OPTION



FACTORY

