

# 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

Construction type of the scale	Single-range balance
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
Default unit	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
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

## Approval

CE mark	✓
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## Display

Display type	LCD
Display screen size	120×38 mm
Display backlight	✓
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	✓

## Functions

Auto-off interval(s) in mains power mode	1 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Conversion function	✓
Recipe/summing level	Sum A

Underfloor weighing	Hook (included in delivery)
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Interfaces	RS-232 standard
	Ethernet (optional, factory)
	WiFi (optional, factory)
	USB-Device (optional, factory)

## Counting

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

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Counting resolution (laboratory conditions) 325.000

## Power Supply

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

Plug-in power supply type Power adapter

Supplied power supply Power supply & battery function (battery not included)

Plug-in power supply / adapter for countries - included with the delivery EURO  
AUS  
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 10 h

Rechargeable battery operating time - backlight on 40 h

Rechargeable battery operating time - backlight off 90 h

Battery 6×1.5 V AA

Battery operating time 80 h

## Environmental conditions

Humidity of environment [Max] 80 %

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

## Packing & Shipping

Readability force [d] (N) 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

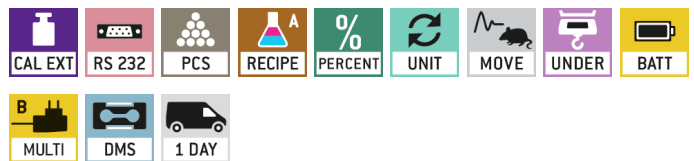
## Services (optional)

Article number for DAkkS calibration 963-129

Article number for certificate of conformity (verification) 969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

