

KERN FCD 6K-3

KERN

Bench scale with integrated rechargeable battery pack for maximum freedom and a practical printer connection



Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6000 g
Readability [d]	0,2 g
Reproducibility	0,2 g
Linearity	± 0,6 g
Resolution	30.000

Adjustment options	Adjusting with external weight
--------------------	--------------------------------

Recommended adjusting weight	6 kg (M2)
------------------------------	-----------

Possible calibration points	6 kg
-----------------------------	------

Stabilization time	3 s
--------------------	-----

Warm-up time	120 min
--------------	---------

Eccentric loading at 1/3 [Max]	1 g
--------------------------------	-----

Construction type of the scale	Single-range balance
--------------------------------	----------------------

Units	kg
	g
	lb
	PCS
	%
	lb:oz

Maximum creep (15 minutes)	800 mg
----------------------------	--------

Maximum creep (30 minutes)	1,6 g
----------------------------	-------

Default unit	kg
--------------	----

Display

Display type	LCD
--------------	-----

Display backlight	white
Display screen size	145×25 mm
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	340×320×110 mm
Dimensions weighing surface (W×D)	230×300 mm
Dimensions weighing surface	230×300 mm
Dimensions weighing platform (W×D×H)	300×230×12,5 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓

Functions

Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	n (any number of pieces)
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	2

Interface

Interfaces	RS-232 standard
------------	-----------------

Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK CH

KERN FCD 6K-3



Bench scale with integrated rechargeable battery pack for maximum freedom and a practical printer connection

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5 V, 1 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm
Battery / accumulator type	Li-Ion
Battery capacity	4.000 mAh
Battery voltage	3,7 V
Battery – Individual weight	93 g
Battery capacity (Wh)	14,8 Wh
Battery – Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Battery/Accu connected	fixed electrical connection, no leakage current (insulated)

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
---------	---

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	415×375×185 mm
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,0 kg
Shipping weight	5,8 kg

Product information

GTIN/EAN number	4045761283770
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

