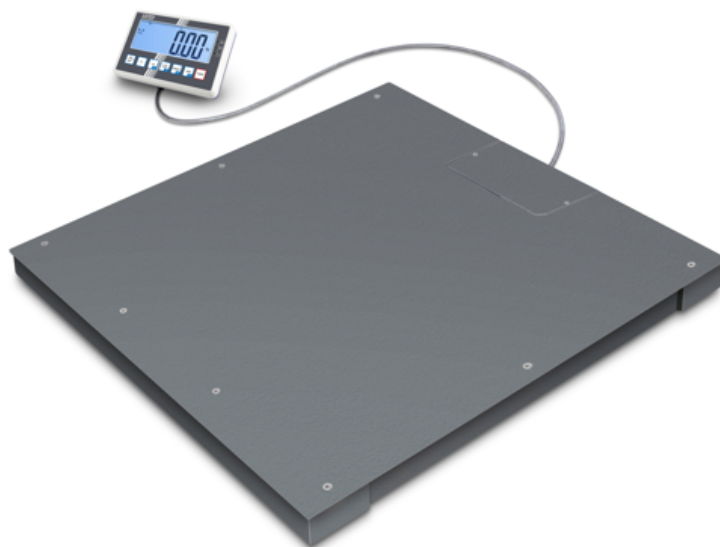


KERN BFC 1T-5DS

High resolution floor scale with screwed-on weighing plate (IP67)



Article codes, product groups & Status information

Model article-code	BFC 1T-5DS
Model-Serie	BFC
Assortment	Scales
Segment	Industrial balance
Product group	Floor scales
Product usage type	Main article
EAN code (Model)	4045761492493
Planned start date	2026-1HJ
Customs tariff number	84238220
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	500 kg;1.000 kg
Readability	0,02 kg;0,05 kg
Net weight	95 kg
Platform size	1.000×1.000 mm

Technical data - Construction

Dimensions display casing (W×D×H)	220×150×66,5 mm
Material weighing plate	Steel, powder-coated
Bubble Level	Yes
Revolving screw feet	Yes
Dimensions of weighing plate (W×D)	1.000×1.000 mm
Indicator cable length	5 m

Wall mount	Yes
Dimension weighing platform (W×D×H)	1.000×1.000×85 mm
IP protection indicator	No IP protection
IP protection platform	IP67
IP protection load cell	IP67

Technical data - Display

Display height	48 mm
Backlight	Yes

Technical data - Power supply

Battery	3V CR2.032
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	22 h
Rechargeable battery	Rchrg. battery optional - intern

Interfaces	Alibi Speicher (optional, factory);Analog (0 - 10 V) (optional);Analog (4 - 20 mA) (optional);Bluetooth BLE (v4.0) (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional)
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Technical data - Measuring system

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Calibration method Adjusting with external weight

Linearity $\pm 0,06 \text{ kg}; 0,15 \text{ kg}$

Recommended adjusting weight 1.000 kg (M1)

Repeatability 0,02 kg; 0,05 kg

Resolution 25.000, 20.000

Stabilisation time under laboratory conditions 3 s

Warm up time 30 min; 30 min

Weighing system Strain gauge

Weighing units %;ffa;g;kg;lb;PCS

Linearity (in dots) 2

load cell connection 6-Leiter

Technical data - Environmental conditions

Maximum humidity 80 %

Maximum operating temperature 40 °C

Minimum ambient temperature -10 °C

Minimum humidity 0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 1.120×1.080×360 mm

Gross weight 135 kg

Net weight 95 kg

Shipping method Freight

Packaging component - by weight - cardboard 740 g

Packaging component - by weight - wood 36,26 g

Delivery time 3 d

Technical data - Counting data

Counting resolution 50.000

Minimum piece weight at piece counting (Laboratory) 20 g

Minimum piece weight 200 g

Optional Services

DAkkS Calibration 963-130

Functions

Standard



Option



Factory

