KERN **SFB 15K5HIPM**

Stainless steel platform scale with IP65/IP67 protection, elevated display and optional verification

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Stainless steel platform scale
Product family	SFB

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	15 kg
Readability [d]	0,005 kg
Resolution	3.000
Linearity	± 0,005 kg
Reproducibility	0,005 kg
Tare range	-15 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,005 kg
Loadcell type	stainless steel IP67 silicone-coated
Load cell connection	6-wire

Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,005 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	52 mm

Construction

Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing platform (W×D×H)	300×240×104 mm
Dimensions completely mounted (W×D×H)	300×400×400 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	300×240 mm
Cable length	0 m
Display device cable length	0 m
Allowed cable length display device [Max]	30 m
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	Stainless steels
Levelling feet adjustable	✓
Stand height	200 mm
Stand inclinable	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	off 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
Tare function	manual (single & multi)

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Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Interfaces	RS-232 (optional, factory) Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
IP protection - display	IP65
IP protection - load cell	IP67
IP protection - platform	no IP protection

Counting

Reference quantity	10, 20, 50, 100, 200

Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
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 UK US
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	35 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

Humity of environment [Min]	0 %
Humity of environment [Max]	95 %
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)	695×420×230 mm
Net weight	7,5 kg
Shipping method	Parcel service
Net weight approx.	8 kg
Gross weight approx.	10 kg
Shipping weight	13,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-228
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

OPTION

FACTORY