KERN **SFB 100K10HIP**

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

KERN

Loadcell type	stainless steel IP67 silicone-coated
Load cell connection	6-wire

Approval

CE mark	✓

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing platform (W×D×H)	400×300×111 mm
Dimensions completely mounted (W×D×H)	401×500×110 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	400×300 mm
Cable length	0 m
Display device cable length	3 m
Allowed cable length display device [Max]	30 m
Material load cell(s)	Stainless steels
Levelling feet adjustable	✓
Wall mount	✓
Stand height	400 mm

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	100 kg
Readability [d]	0,01 kg
Resolution	10.000
Linearity	± 0,02 kg
Reproducibility	0,01 kg
Tare range	100 kg
Default unit	kg
Units	kg g lb Hj, tJ lb:oz
Units (if device is conformity assessed)	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,05 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A

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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	Accu & 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

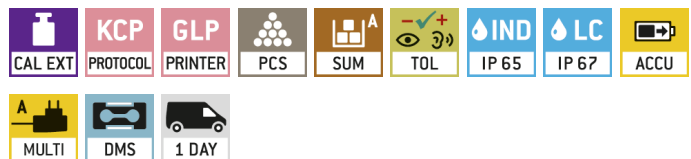|	
Humity of environment [Min]	0 %
Humity of environment [Max]	95 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d

Dimensions packaging (W×D×H)	558×932×214 mm
Net weight	9,7 kg
Shipping method	Parcel service
Net weight approx.	10 kg
Gross weight approx.	17 kg
Shipping weight	22,3 kg

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT	KCP PROTOCOL	GLP PRINTER	PCS	SUM	TOL	IND IP 65	LC IP 67	ACCU

MULTI	DMS	1 DAY

OPTION

DAkkS +3 DAYS

FACTORY

RS 232	BT	D/A ANALOG