

# KERN SFB 50K-3XL

Stainless steel platform scale with IP65/IP67 protection and XL platform



Loadcell type	stainless steel IP68 encapsulated
Load cell connection	6-wire

Approval	
CE mark	✓

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)	500×400×117 mm
Dimensions completely mounted (W×D×H)	500×560×590 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	500×400 mm
Cable length	3 m
Display device cable length	3 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	✓
Wall mount	✓

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
Sum memory function	✓

Category	
Brand	KERN
Product category	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]	50 kg
Readability [d]	0,005 kg
Resolution	10.000
Linearity	± 0,01 kg
Reproducibility	0,005 kg
Tare range	50 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	50 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,025 kg
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g

# KERN SFB 50K-3XL



Stainless steel platform scale with IP65/IP67 protection and XL platform

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 - 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

Humidity of environment [Min]	0 %
Humidity 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

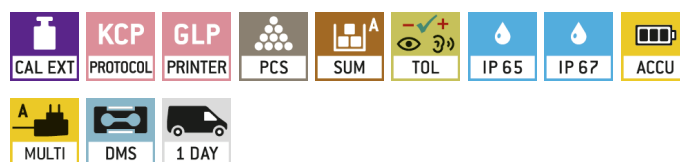
Readability force [d] (N)	1 d
Dimensions packaging (WxDxH)	555x920x215 mm
Net weight	14 kg
Shipping method	Parcel service
Net weight approx.	14 kg
Gross weight approx.	16 kg
Shipping weight	22 kg

## 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 (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

