KERN **SFE 6K-3NM**

Platform scale with IP65 dust and spray protection, verification optional



Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Platform scale
Product family	SFE

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	6 kg
Readability [d]	0,002 kg
Reproducibility	0,002 kg
Linearity	± 0,002 kg
Minimum weight [Min]	0,04 kg
Conformity assessment possible	✓
Resolution	3.000
Tare range	5,998 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,002 kg
Load cell connection	4-wire
Units (if device is conformity assessed)	kg g
Construction type of the scale	Single-range balance
Units	kg
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓
Display digit height	22 mm

Construction

Dimension display device (W×D×H)	195×120×70 mm
Dimensions weighing surface (W×D)	300×240 mm
Dimensions weighing surface	300×240 mm
Dimensions weighing platform (W×D×H)	300×240×109 mm
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Material display housing	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m

Functions

Sum memory function	✓
Recipe/summing level	Rez A (Net total)
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
IP protection - complete device	-
IP protection - display	IP65
IP protection - platform	no IP protection
IP protection - load cell	IP65
Tare function	manual (single & multi)
Number of keys for operation	6

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 US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz

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Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector
Battery – Individual weight	165 g
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	0 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,002 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	969-517

Packing & Shipping

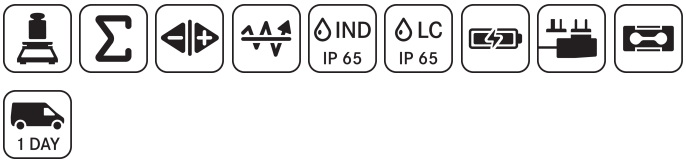
Delivery time	1 d
Dimensions packaging (W×D×H)	412×695×220 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	12,6 kg

Product information

GTIN/EAN number	4045761244597
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

