

KERN SFE 30K-2NM

KERN

Platform scale with IP65 dust and spray protection, verification optional



Conformity assessment possible ex works ✓

Display

Display type	LCD
Display backlight	✓
Display digit height	22 mm

Construction

Dimension display device (W×D×H)	115×950×55 mm
Dimensions weighing platform (W×D×H)	300×240×109 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	300×240 mm
Cable length	2,5 m
Display device cable length	3 m
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Wall mount	✓

Functions

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

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
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 UK US

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,01 kg
Resolution	3.000
Linearity	± 0,01 kg
Reproducibility	0,01 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,2 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,01 kg
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,01 kg

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Plug-in power supply / adapter for countries - optional	EURO
	AUS
	UK
	US
	CH
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	10 h
Rechargeable battery operating time - backlight off	35 h
Battery / accumulator type	NiMH

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
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)	412×695×220 mm
Net weight	5,2 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	12,6 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

