

# KERN SFE 30K-2NM

Platform scale with IP65 dust and spray protection, verification optional

# KERN



## 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
Reproducibility	0,01 kg
Linearity	± 0,01 kg
Minimum weight [Min]	0,2 kg
Resolution	3.000
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
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

## Display

Display type	LCD
Display backlight	✓
Display digit height	22 mm

## Construction

Dimension display device (W×D×H)	115×950×55 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
Cable length	2,5 m
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
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
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
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	NiMH

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Rechargeable battery operating time - backlight on 10 h

Rechargeable battery operating time - backlight off 35 h

Rechargeable battery charging time 12 h

## Environmental conditions

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Humidity of environment [Min] 0 %

Humidity 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] 0,01 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

## Pictograms

### STANDARD



### OPTION



### FACTORY

