

KERN FFN 1K-4N

All-round bench scale, protected by stainless steel and IP65 rating



Approval

CE mark ✓

Display

Display type LCD
 Display backlight ✓
 Display digit height 25 mm

Construction

Dimension housing (W×D×H) 243×300×127 mm
 Dimensions completely mounted (W×D×H) 243×300×127 mm
 Material housing stainless steel, plastic
 Material weighing plate stainless steel
 Dimensions weighing surface (W×D) 233×193 mm
 Material load cell(s) aluminium
 Levelling feet adjustable ✓

Functions

Number of keys for operation 3
 Auto-off interval(s) in mains power mode 3 min
 5 min
 15 min
 Tare function manual (multi)
 Underfloor weighing None
 IP protection - complete device IP65

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 - included with the delivery EURO
 UK
 US
 CH
 EURO
 Plug-in power supply / adapter for countries - optional AUS
 UK
 US
 CH
 Rechargeable battery charging time 12 h
 Rechargeable battery operating time - backlight on 30 h

Category

Brand KERN
 Product category Industrial scale
 Product group IP protected bench scale
 Product family FFN

Measuring System

Construction type of the scale Single-range balance
 Number of weighing ranges 1
 Weighing system Strain gauge
 Weighing capacity [Max] 1,5 kg
 Readability [d] 0,0002 kg
 Resolution 7.500
 Linearity ± 0,0004 kg
 Reproducibility 0,0002 kg
 Tare range -1,5 kg
 Default unit kg
 Units kg
 lb
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 1,5 kg (M1)
 Possible calibration points 1,5 kg
 Stabilization time 2 s
 Warm-up time 30 min
 Eccentric loading at 1/3 [Max] 0,001 kg
 Maximum creep (15 minutes) 800 mg
 Maximum creep (30 minutes) 1,6 g
 Loadcell type aluminium IP65 silicone-coated

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Rechargeable battery operating time - backlight off	50 h
Battery	no battery
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

Environmental conditions

Humidity of environment [Min]	25 %
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 (W×D×H)	310×402×205 mm
Net weight	3,85 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	5,1 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

