

# KERN FFN 1K-4NM



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



## Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,0005 kg
Conformity assessment possible ex works	✓

## 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 off 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
Plug-in power supply / adapter for countries - optional	EURO AUS UK

## 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]	0,0005 kg
Resolution	3.000
Linearity	± 0,0005 kg
Reproducibility	0,0005 kg
Tare range	-1,4995 kg
Default unit	kg
Units	kg g
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,01 kg
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	10 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Loadcell type	aluminium IP65 silicone-coated

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## Pictograms

### STANDARD



### OPTION



### FACTORY



	US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	30 h
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 conformity assessment	965-227
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517