KERN **FFN 1K-4N**

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

KERN

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	1,5 kg
Readability [d]	0,0002 kg
Reproducibility	0,0002 kg
Linearity	± 0,0004 kg
Resolution	7.500
Tare range	-1,5 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	30 min
Eccentric loading at 1/3 [Max]	0,001 kg
Maximum creep (15 minutes)	800 mg
Maximum creep (30 minutes)	1,6 g
Default unit	kg
Units	kg lb
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓
Display segments	5
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
Dimensions weighing surface (W×D)	233×193 mm
Dimensions weighing surface	233×193 mm
Material housing	stainless steel, plastic
Material weighing plate	stainless steel
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓

Functions

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

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 CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Battery	no battery
Battery connection	Plug-in terminals
Rechargeable battery	WTB-A01N

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Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	12 h

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	25 %
Humity of environment [Max]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

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	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	310×402×205 mm
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	5,1 kg

Pictograms

STANDARD

CAL EXT	UNIT	IP 65	ACCU	MULTI	DMS	1 DAY

OPTION

DAkkS +3 DAYS