

KERN FFN 6K1IPN

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



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
Level indicator	✓
Levelling feet adjustable	✓
Load cells - number	1

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
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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
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 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
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	6 kg
Readability [d]	0,001 kg
Reproducibility	0,001 kg
Linearity	± 0,001 kg
Resolution	6.000
Tare range	-6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M3)
Possible calibration points	3 kg; 6 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,005 kg
Maximum creep (15 minutes)	4 g
Maximum creep (30 minutes)	8 g
Default unit	kg
Units	kg lb

Display	
Display type	LCD
Display backlight	✓

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Rechargeable battery charging time	12 h
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Environmental conditions

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

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
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)	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



OPTION

