

KERN FFN 6K2IPM

KERN

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



Category

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

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	6 kg
Readability [d]	0,002 kg
Reproducibility	0,002 kg
Linearity	± 0,002 kg
Minimum weight [Min]	0,04 kg
Resolution	3.000
Tare range	5,998 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	10 min
Eccentric loading at 1/3 [Max]	0,002 kg
Units (if device is conformity assessed)	kg g
Construction type of the scale	Single-range balance
Units	kg g
Default unit	kg

Display

Display type	LCD
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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
Level indicator	✓
Levelling feet adjustable	✓
Load cells - number	1

Functions

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

Power Supply

Supplied power supply	Accu & Power supply
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
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm

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Battery / accumulator type	Pb
Battery	no battery
Battery connection	Plug-in terminals
Battery – Individual weight	680 g
Rechargeable battery	WTB-A01N
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	12 h
Battery/Accu connected	fixed electrical connection, not insulated

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	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,002 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)	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

Product information

GTIN/EAN number	4045761133273
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

