

# 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

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	6 kg
Readability [d]	0,002 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
Default unit	kg
Units	kg g
Units (if device is conformity assessed)	kg g

## 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
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

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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

## 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

## Pictograms

### STANDARD



### OPTION



### FACTORY

