KERN FFN 6K2IPM



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



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]	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

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

1

KERN FFN 6K2IPM



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

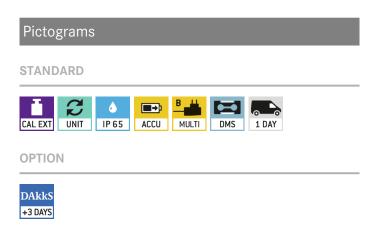
Rechargeable battery	WTB-A01N
Rechargeable battery operating time - backlight on	30 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	12 h

Environmental conditions	
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	25 %
Humity 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





FACTORY