KERN **IFS 6K-3SM**

Industrial counting scale with convenient decimal keypad for easy data entry, counting resolution 60.000 points, verification optional



Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Counting scale
Product family	IFS

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	3 kg; 6 kg
Readability [d]	0,001 kg; 0,002 kg
Reproducibility	0,001 kg; 0,002 kg
Linearity	± 0,001 kg; 0,002 kg
Minimum weight [Min]	0,02 kg; 0,04 kg
Conformity assessment possible	✓
Resolution	3.000, 3.000
Tare range	6 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,001 kg; 0,002 kg
Load cell connection	4-wire
Units (if device is conformity assessed)	kg
Construction type of the scale	Multi-range balance
Units	kg
Default unit	kg
Loadcell type	aluminium IP65 silicone-coated

Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	13,5 mm
Display digit height	16,5 mm

Construction

Dimensions completely mounted (W×D×H)	495×340×225 mm
Dimension display device (W×D×H)	260×150×65 mm
Dimensions weighing surface (W×D)	230×230 mm
Dimensions weighing surface	230×230 mm
Dimensions weighing platform (W×D×H)	230×230×103 mm
Material weighing plate	stainless steel
Material platform	mild steel
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Stand height	330 mm
Stand inclinable	✓
Wall mount	✓
Cable length	2,5 m
Display device cable length	3 m

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
PLU - total	100
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Counting function	✓
Counting resolution (laboratory conditions)	60.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Reference quantity	n (any number of pieces)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection

KERN **IFS 6K-3SM**

Industrial counting scale with convenient decimal keypad for easy data entry, counting resolution 60.000 points, verification optional

IP protection - load cell	IP65
Memory function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	21

Interface

Interfaces	RS-232 standard

Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Power supply – Cable length	180 cm
Input voltage power supply / power [Max]	100 - 240 V~ 50/60 Hz 190 mA
Power supply cable removable	removable
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
Battery / accumulator type	Pb
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Max]	80 %
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]	0,001 kg; 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)	500×330×230 mm
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	6 kg
Shipping weight	7,6 kg

Product information

GTIN/EAN number	4045761208858
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

