

# KERN IFS 6K-3SM

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



Accuracy classe	III
Verification scale interval [e]	0,001 kg; 0,002 kg
Conformity assessment possible ex works	✓

## Display

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

## Construction

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

## Functions

Number of keys for operation	21
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
PLU - total	100
Sum memory function	✓
Memory function	✓
Interfaces	RS-232 standard
IP protection - complete device	-

## Category

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

## Measuring System

Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3 kg; 6 kg
Readability [d]	0,001 kg; 0,002 kg
Resolution	3.000, 3.000
Linearity	± 0,001 kg; 0,002 kg
Reproducibility	0,001 kg; 0,002 kg
Tare range	-6 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,02 kg; 0,04 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
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	4-wire

## Approval

CE mark	✓
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IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	no IP protection

## Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

## Power Supply

Input voltage power supply / power [Max]	100 - 240 V~ 50/60 Hz 190 mA
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
Rechargeable battery optional	Rchrg. battery optional (factory)
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	18 h
Battery / accumulator type	Pb

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	500×330×230 mm

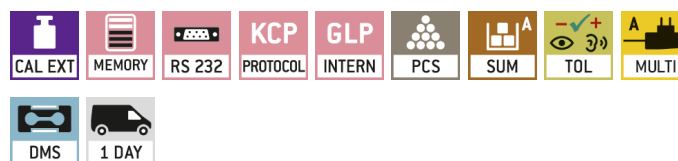
Net weight	3,73 kg
Shipping method	Parcel service
Net weight approx.	3,8 kg
Gross weight approx.	6 kg
Shipping weight	7,6 kg

## 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 (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

