

# KERN IFS 100K-3L



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



## 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)	650×500×140 mm
Dimensions completely mounted (W×D×H)	650×500×745 mm
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	mild steel
Dimensions weighing surface (W×D)	650×500 mm
Display device cable length	3 m
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓
Stand height	600 mm
Stand inclinable	✓

## Functions

Number of keys for operation	21
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Peak function	✓
Recipe/summing level	Sum A
PLU - total	100
Sum memory function	✓
Memory function	✓
Interfaces	RS-232 standard
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	no IP protection

## 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]	75 kg; 150 kg
Readability [d]	0,001 kg; 0,002 kg
Resolution	75.000, 75.000
Linearity	± 0,006 kg; 0,01 kg
Reproducibility	0,001 kg; 0,002 kg
Tare range	-150 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (F2)
Stabilization time	2 s
Warm-up time	120 min; 120 min
Eccentric loading at 1/3 [Max]	0,01 kg; 0,02 kg
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g
Loadcell type	aluminium IP65 silicone-coated
Load cell connection	6-wire

## Approval

CE mark	✓
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## Counting

Smallest piece weight when piece counting - laboratory conditions	2,5 g
Smallest piece weight when piece counting - normal conditions	25 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 US CH

Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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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 [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °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)	1045×660×240 mm
Net weight	19,9 kg
Shipping method	Parcel service

Net weight approx.	20 kg
Gross weight approx.	26 kg
Shipping weight	33,1 kg

## Services (optional)

Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

