

KERN IFC 600K-2

Robust industrial scales with up to three interfaces



Approval

CE mark ✓

Display

Display type LCD
 Display type LCD with backlight
 Display screen size 160×60 mm
 Display backlight ✓
 Display digit height 50 mm
 Languages of the user interface English
 Symbol language

Construction

Dimension display device (W×D×H) 220×145×65 mm
 Dimensions weighing platform (W×D×H) 800×600×189 mm
 Material display housing Plastics
 Material weighing plate stainless steel
 Material platform steel, varnished
 Dimensions weighing surface (W×D) 800×600 mm
 Display device cable length 3 m
 Allowed cable length display device [Max] 20 m
 Material load cell(s) aluminium
 Load cells - number 1
 Levelling feet adjustable ✓
 Wall mount ✓
 Stand rotatable no
 Stand inclinable no

Functions

Number of keys for operation 7
 Auto-off interval(s) in mains power mode off
 Auto-off interval(s) in battery mode/rechargeable battery mode 5 min
 2 min
 1 min
 30 min
 60 min
 30 sec
 Capacity display ✓
 PreTare function ✓
 Tare function manual (multi)
 Hold function ✓
 Percentage determination ✓
 Counting function ✓
 Tolerance weighing ✓

Category

Brand KERN
 Product category Industrial scale
 Product group Platform scale
 Product family IFC

Measuring System

Construction type of the scale Single-range balance
 Number of weighing ranges 1
 Weighing system Strain gauge
 Weighing capacity [Max] 600 kg
 Readability [d] 0,02 kg
 Resolution 30.000
 Linearity ± 0,06 kg
 Default unit kg
 Units kg
 g
 lb
 ffa
 PCS
 %
 Adjustment options Adjusting with external weight
 Recommended adjusting weight 600 kg (M1)
 Possible calibration points 600 kg
 Stabilization time 3 s
 Warm-up time 120 min
 Eccentric loading at 1/3 [Max] 0,1 kg
 Maximum creep (15 minutes) 80 g
 Maximum creep (30 minutes) 160 g
 Loadcell type Aluminium IP67 silicone-coated
 Load cell connection 6-wire

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Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Interfaces	RS-232 (optional) Ethernet (optional) Alibi memory (optional, factory) analogue (0 - 10 V) (optional) analogue (4 - 20 mA) (optional) Bluetooth BLE (v4.0) (optional) USB-Device (optional) KUP WiFi (optional)
IP protection - complete device	-
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	20 g
Smallest piece weight when piece counting - normal conditions	200 g
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	5,9V, 1A
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 UK

	US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Battery	no battery
Battery / accumulator type	Li-Ion

Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1250×800×380 mm
Net weight	43 kg
Shipping method	Freight
Net weight approx.	44 kg
Gross weight approx.	70 kg
Shipping weight	76 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130
Article number for certificate of conformity (verification)	969-517

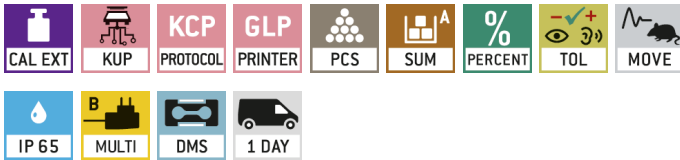
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Pictograms

STANDARD



OPTION

