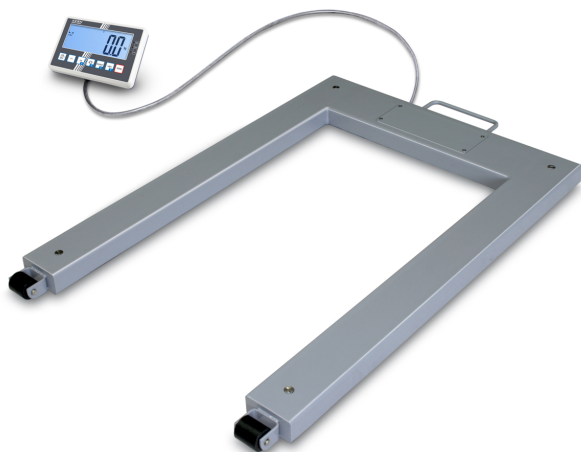


KERN UFC 600K-1M

KERN

Pallet scale with steel load support (IP67), verification optional



Category

Brand	KERN
Product category	Industrial scale
Product group	Pallet scale
Product family	UFC

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	600 kg
Readability [d]	0,2 kg
Reproducibility	0,2 kg
Linearity	± 0,4 kg
Minimum weight [Min]	4 kg
Conformity assessment possible	✓
Resolution	3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	3 s
Linearisation in dots	2
Eccentric loading at 1/3 [Max]	0,4 kg
Load cell connection	6-wire
Units (if device is conformity assessed)	kg g
Construction type of the scale	Single-range balance
Units	kg g ffa PCS %
Default unit	kg
Loadcell type	ZEMIC H8C 0.5 ton

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display screen size	160×60 mm
Display segments	6
Display digit height	48 mm
Languages of the user interface	English Symbol language

Construction

Dimension display device (W×D×H)	220×150×66,5 mm
Dimensions weighing surface (W×D)	1190×840 mm
Dimensions weighing surface	1190×840 mm
Dimensions weighing platform (W×D×H)	1361×840×80 mm
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Material display housing	plastic
Material load cell(s)	alloyed steel
Level indicator	✓
Levelling feet adjustable	✓
Stand rotatable	no
Stand inclinable	no
Wall mount	✓
Transport wheels	✓
Display device cable length	5 m
Platform Construction	Welded load plate; smooth surface
Load cells - number	4

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	3.000

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Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	200 g
Smallest piece weight when piece counting - normal conditions	2 kg
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	IP67
IP protection - load cell	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	2 min
	1 min
	30 min
	60 min
Auto-off interval(s) in mains power mode	30 sec
	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

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
compatible with EasyTouch	WiFi (optional)
	✓

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
	US
	CH
Plug-in power supply / adapter for countries - optional	EURO
	UK
	US
	CH

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	5,9V, 1A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 13 mm
Battery / accumulator type	Li-Ion
Battery	3 V CR2032
Rechargeable battery operating time - backlight on	11 h
Rechargeable battery operating time - backlight off	22 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,2 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for conformity assessment	965-230
Article number for DAkKS calibration	963-130
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1405×890×315 mm
Shipping method	Freight
Net weight approx.	55 kg
Gross weight approx.	90 kg
Shipping weight	88 kg

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Product information

GTIN/EAN number	4045761481541
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

