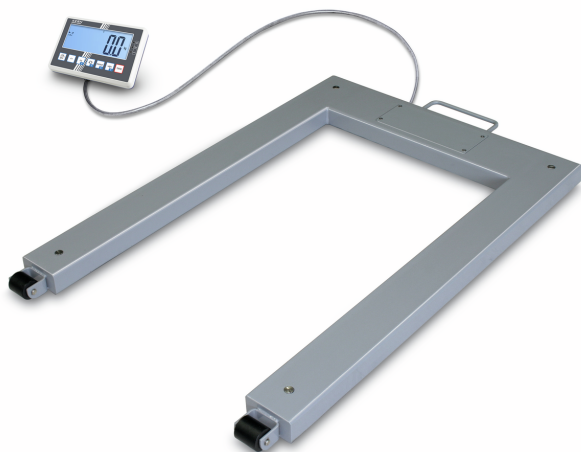


KERN UFC 600K-1M

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

KERN



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

Measuring System	
Construction type of the scale	Single-range balance
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
Resolution	3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Linearisation in dots	2
Eccentric loading at 1/3 [Max]	0,4 kg
Default unit	kg
Units	kg
	g
	ffa
	PCS
	%
Units (if device is conformity assessed)	kg g
Conformity assessment possible	✓
Loadcell type	ZEMIC H8C 0.5 ton

Load cell connection	6-wire
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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	Plastics
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	✓

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Counting resolution (laboratory conditions)	3.000
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
	30 sec
Auto-off interval(s) in mains power mode	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)
EasyTouch (ET) - Compatibility	vollständig
EasyTouch (ET) - Connection type	KUP

Power Supply

Supplied power supply	Power supply unit
Plug-in 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
Input voltage device / power [Max]	5,9V, 1A
Battery / accumulator type	Li-Ion
Battery	no battery
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 (verification)	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

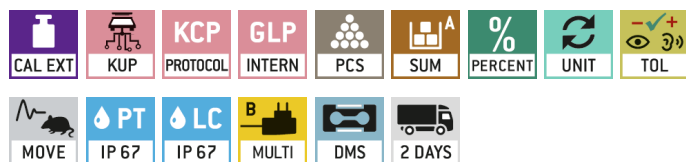
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Pictograms

STANDARD



OPTION



FACTORY

