

KERN UID 600K-1DM

KERN

High-resolution multi-range pallet scale with a wide range of interfaces, verification optional



Conformity assessment possible	✓
Loadcell type	KELI-SQB-250kg
Load cell connection	4-wire

Display	
Display type	LCD
Display type	LCD
Display backlight	✓
Display screen size	110×35 mm
Display segments	6
Display digit height - smallest digit	25 mm
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	268×115×80 mm
Dimensions weighing surface (W×D)	1195×840 mm
Dimensions weighing surface	1195×840 mm
Dimensions weighing platform (W×D×H)	1195×840×110 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 inclinable	✓
Wall mount	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	15 m
Platform Construction	welded
Load cells - number	4

Functions	
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Time display	✓
Counting function	✓

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

Measuring System	
Construction type of the scale	Multi-range balance
Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	300 kg; 600 kg
Readability [d]	0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Linearity	± 0,3 kg; 0,6 kg
Minimum weight [Min]	2 kg; 4 kg
Resolution	3.000, 3.000
Tare range	-600 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M1)
Stabilization time	4 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,5 kg; 1 kg
Default unit	kg
Units	kg
	g
	lb
	oz
	PCS
	tJ
	HJ
Units (if device is conformity assessed)	kg

KERN UID 600K-1DM



High-resolution multi-range pallet scale with a wide range of interfaces, verification optional

Hold function	✓
IP protection - display	IP65
IP protection - load cell	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
	off
	5 min
	30 min
Auto-off interval(s) in mains power mode	15 min
	3 min
	off
	5 min
	30 min
	15 min
Tare function	manual (single)
Number of keys for operation	4

Interface

Interfaces	RS-232 standard
	Ethernet (optional, factory)
	USB (optional, factory)
	WiFi (optional, factory)
	Alibi memory (optional, factory)
	USB-Host/Master (optional, factory)
	Verification plug (optional, factory)
	Bluetooth BLE (v4.0) (optional, factory)

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
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
Input voltage device / power [Max]	12 V DC, 1000 mA
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery	6 V; 1.3 Ah
Rechargeable battery operating time - backlight on	26 h
Rechargeable battery operating time - backlight off	43 h
Rechargeable battery charging time	3 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	10 %
Humidity of environment [Max]	95 %

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 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)	1270×900×260 mm
Shipping method	Freight
Net weight approx.	44 kg
Gross weight approx.	65 kg
Shipping weight	65 kg

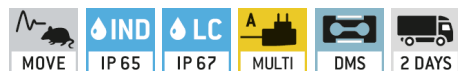
KERN UID 600K-1DM

KERN

High-resolution multi-range pallet scale with a wide range of interfaces, verification optional

Pictograms

STANDARD



OPTION



FACTORY

