KERN **BID 3T-3LM**

Floor scale with EC type approval [M] and the best price-to-performance ratio

KERN

Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	1 kg

Display

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

Construction

Dimension display device (W×D×H)	268×115×80 mm
Dimensions weighing platform (W×D×H)	1500×1500×108 mm
Dimension (W×D×H)	1500×1500×108 mm
Dimensions weighing surface (W×D)	1500×1500 mm
Material	steel, lacquered
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Material load cell(s)	steel
Wall mount	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	15 m
Levelling feet adjustable	✓
Load cells - number	4

Category

Brand	KERN
Product category	Industrial scales
Product group	Floor scales

Measuring System

Readability [d]	1000 g
Weighing capacity [Max]	3000 kg
Number of weighing ranges	1
Eccentric loading at 1/3 [Max]	5 kg
Minimum weight [Min]	20 kg
Reproducibility	1 kg
Linearity	± 3 kg
Linearisation in dots	3
Weighing system	Strain gauge
Resolution	3.000
Tare range	3000 kg
Units	kg g lb oz PCS tJ HJ
Units (if device is conformity assessed)	kg
Default unit	kg
Stabilization time	2 s
Warm-up time	10 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M2)
Loadcell type	KELI SQB
Load cell connection	4-guide

Approval

CE mark	✓
Conformity assessment possible ex works	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
PreTare function	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000

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Underfloor weighing	None
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)
IP protection - complete device	IP65
IP protection - display	IP65
IP protection - load cell	IP67
IP protection - platform	IP67

Power Supply

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
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery	6 V; 1.3 Ah
Rechargeable battery charging time	3 h
Rechargeable battery operating time - backlight on	26 h
Rechargeable battery operating time - backlight off	43 h
Battery	no battery

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	2 d
Shipping method	Freight
Dimensions packaging (W×D×H)	1550×1550×265 mm
Net weight approx.	155 kg

Gross weight approx.	180 kg

Services (optional)

Article number for adjustment at the location of installation	961-252
Article number for conformity assessment	965-232
Article number for DAkkS calibration	963-132
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD

CAL EXT	RS 232	KCP PROTOCOL	GLP PRINTER	PCS	SUM	PERCENT	TOL	MOVE

IP 65	IP 67	MULTI	DMS	2 DAYS

OPTION

ET	ACCU	DAkkS +3 DAYS

FACTORY

USB	ALIBI	BT 4.0	LAN	WLAN	USB	M +3 DAYS