

KERN BID 3T-3DLM

KERN

Multi-range floor scale with the best price-to-performance ratio, verification optional



Loadcell type	KELI SQB
Load cell connection	4-wire

Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,5 kg; 1 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display type	LCD
Display screen size	110×35 mm
Display backlight	✓
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 platform (W×D×H)	1500×1500×108 mm
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	1500×1500 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	15 m
Material load cell(s)	steel
Load cells - number	4
Levelling feet adjustable	✓
Wall mount	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min

Category

Brand	KERN
Product category	Industrial scale
Product group	Floor scale
Product family	BID

Measuring System

Construction type of the scale	Multi-range balance
Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	1500 kg; 3000 kg
Readability [d]	0,5 kg; 1 kg
Resolution	3.000, 3.000
Linearity	± 1,5 kg; 3 kg
Linearisation in dots	3
Reproducibility	0,5 kg; 1 kg
Tare range	3000 kg
Default unit	kg

Units	kg
	g
	lb
	oz
	PCS
	tj HJ

Units (if device is conformity assessed)	kg
Minimum weight [Min]	10 kg; 20 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M1)
Stabilization time	2 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	2,5 kg; 5 kg

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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

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 - display	IP65
IP protection - load cell	IP67

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0.4 A max
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Input voltage device / power [Max]	12 V DC, 1000 mA
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Plug-in power supply type	Power adapter
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Supplied power supply	Power supply unit
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Plug-in power supply / adapter for countries - included with the delivery	EURO
	UK
	US
	CH

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

Rechargeable battery optional	Rchrg. battery optional - intern
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Rechargeable battery charging time	3 h
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Rechargeable battery operating time - backlight on	26 h
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Rechargeable battery operating time - backlight off	43 h
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Battery	no battery
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Battery / accumulator type	Pb
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Environmental conditions

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

Readability force [d] (N)	2 d
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Dimensions packaging (W×D×H)	1550×1550×265 mm
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Net weight	155 kg
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Shipping method	Freight
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Net weight approx.	155 kg
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Gross weight approx.	180 kg
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Shipping weight	180 kg
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Services (optional)

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

STANDARD



OPTION



FACTORY

