

# KERN BID 1T-4D



High-resolution dual-range floor scale with the best price-to-performance ratio



Maximum creep (30 minutes)	1,6 kg
Loadcell type	KELI SQB
Load cell connection	4-wire

## Approval

CE mark	✓
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## 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)	1200×1500×108 mm
Material display housing	Plastics
Material weighing plate	steel, powder-coated
Material platform	steel, powder-coated
Dimensions weighing surface (W×D)	1200×1500 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
	3 min
	off
Auto-off interval(s) in mains power mode	5 min
	30 min
	15 min
	3 min
	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	30 min
	15 min
PreTare function	✓
Tare function	manual (multi)

## 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]	600 kg; 1500 kg
Readability [d]	0,1 kg; 0,2 kg
Resolution	6.000, 7.500
Linearity	± 0,6 kg; 1,5 kg
Linearisation in dots	3
Reproducibility	0,2 kg; 0,5 kg
Tare range	1500 kg
Default unit	kg

	kg
	g
	lb
Units	oz
	PCS
	tj
	HJ

Units (if device is conformity assessed)	kg
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Adjustment options	Adjusting with external weight
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Recommended adjusting weight	1500 kg (M1)
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Stabilization time	2 s
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Warm-up time	30 min; 30 min
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Eccentric loading at 1/3 [Max]	1 kg; 2,5 kg
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Maximum creep (15 minutes)	800 g
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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)	
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
Input voltage device / power [Max]	12 V DC, 1000 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
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
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

Battery / accumulator type Pb

## Environmental conditions

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

## Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1270×1560×240 mm
Net weight	150 kg
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	170 kg
Shipping weight	167 kg

## Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

