KERN **NFB 1.5T0.5M**

Drive-through scale (IP67) with XXL display device, verification optional

Date of creation: 13.11.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Drive-through scale
Product family	NFB

Measuring System	
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	1500 kg
Readability [d]	0,5 kg
Reproducibility	0,5 kg
Linearity	± 1,5 kg
Minimum weight [Min] (verifiable)	10 kg
Resolution	3.000
Tare range	-1500 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1500 kg (M2)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	5 kg
Construction type of the scale	Single-range balance
Units	kg
Units (if device is conformity assessed)	kg
Load cell connection	4-wire
Default unit	kg
Loadcell type	ZEMIC H8C 1 ton
Warm-up time	10 min

Display	
Display type	LCD
Display backlight	✓
Display screen size	165×64 mm
Display segments	5 + 1/2
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	1600×1200×80 mm
Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing surface (W×D)	1000×1000 mm
Dimensions weighing surface	1000×1000 mm
Dimensions weighing platform (W×D×H)	1600×1200×80 mm
Material weighing plate	steel, lacquered
Material platform	steel, lacquered
Material display housing	plastic
Material load cell(s)	alloyed steel
Material substructure	steel, lacquered
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]	30 m
Platform Construction	Welded load plate; chequer plate
Load cells - number	4

Functions	
IP protection - display	no IP protection
IP protection - load cell	IP67
Sum memory function	✓
Function for averaging under unstable weighing conditions	✓
Tolerance weighing	✓
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (single & multi)

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Underfloor weighing	None
Reference quantity	10, 20, 50, 100, 200
Recipe/summing level	Sum A
Number of keys for operation	7
Tolerance weighing - type of signal	acoustically visual

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)

Power Supply

Supplied power supply	Power supply unit
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 AUS UK US CH
Power supply – Cable length	180 cm
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional (factory)
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,5 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	969-517

Packing & Shipping

Delivery time	3 d
Dimensions packaging (W×D×H)	1650×1320×380 mm
Shipping method	Freight
Net weight approx.	130 kg
Gross weight approx.	205 kg
Shipping weight	202 kg

Product information

GTIN/EAN number	4045761194458
Trade number	84238220
Warranty Time	36 mon

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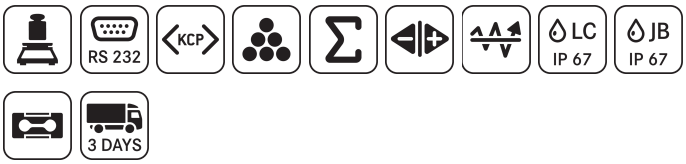
Pictograms

STANDARD



OPTION

FACTORY