

KERN NFN 1.5T-4M

KERN

Stainless steel drive-through scale (IP68) with stainless steel display device (IP65), verification optional



Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,5 kg
Conformity assessment possible ex works	✓

Display	
Display type	LCD
Display screen size	165×64 mm
Display backlight	✓
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing platform (W×D×H)	1600×1200×80 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	stainless steel (SUS304)
Dimensions weighing surface (W×D)	1000×1000 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	30 m
Material load cell(s)	Stainless steels
Load cells - number	4
Levelling feet adjustable	✓
Wall mount	✓
Stand inclinable	✓

Functions	
Number of keys for operation	7
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓

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

Measuring System	
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	1500 kg
Readability [d]	0,5 kg
Resolution	3.000
Linearity	± 0,5 kg
Reproducibility	0,5 kg
Tare range	-1500 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	10 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1500 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,5 kg
Loadcell type	ZEMIC BM8H 1 ton
Load cell connection	4-wire

Approval	
CE mark	✓

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Interfaces	RS-232 (optional, factory) Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
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IP protection - display	IP65
IP protection - load cell	IP68

Counting

Reference quantity	10, 20, 50, 100, 200
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Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
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Input voltage device / power [Max]	12 V, 500 mA
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Plug-in power supply type	Power adapter
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Supplied power supply	Battery & Power supply
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
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Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
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Rechargeable battery charging time	12 h
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Rechargeable battery operating time - backlight on	20 h
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Rechargeable battery operating time - backlight off	35 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)	1645×1305×340 mm
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Net weight	105 kg
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Shipping method	Freight
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Net weight approx.	105 kg
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Gross weight approx.	195 kg
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Shipping weight	191 kg
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Services (optional)

Article number for adjustment at the location of installation	961-250
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Article number for conformity assessment	965-230
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Article number for DAkkS calibration	963-130
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Article number for certificate of conformity (verification)	969-517
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Pictograms

STANDARD



OPTION



FACTORY

