

Product Data Sheet

Leica Lino ML180

Features



- Multiline laser with motorized levelling for highest precision
- Smart XCR catch receiver for motorized targeting even over long range
- Remote control
- High visibility
- Self-levelling over wide range of $\pm 5^\circ$
- Operating range of up to 100 m
- With NiMH rechargeable batteries up to 12 h operation time

Technical data

	Lino ML180
Laser	4 lines + 1 point (red)
Beam direction / fan angle	vertical front $>170^\circ$, vertical side $>240^\circ$, horizontal $>180^\circ$
Point direction	down (plumb)
Range*	15 m (82 ft)
Range* with receiver	80 m (262 ft)
Levelling accuracy	± 0.1 mm/m or ± 0.5 mm @ 5m or ± 1.0 mm @ 10m ± 0.001 in/ft or ± 0.02 in @ 16ft or ± 0.04 in @ 33ft
Horizontal / vertical line accuracy	± 0.07 mm/m (± 0.001 in/ft)
Point accuracy	± 0.07 mm/m (± 0.001 in/ft)
Self-levelling range	$\pm 5^\circ$
Levelling system	motorized
Laser type	635 \pm 5 nm, class 2 acc. IEC 60825-1
Protection class	IP54 (IEC 60529) dust and splash water
Battery type	NiMH battery pack or 2 x D Alkaline
Operating time with NiMH battery	12 h continuous
Automatic shut-off	available
Dimensions (L x B x D)	250 x 159 x 230 mm (9.84 x 6.26 x 9.06 in)
Weight with NiMH battery pack	2200 g (4.85 lbs)
Operating temperature	-10... +45 $^\circ$ C (+14... +113 $^\circ$ F)
Storage temperature	-25... +70 $^\circ$ C (-13... +158 $^\circ$ F)
Temperature alert	status LED blinks red (5Hz)
Laser line width at 5 m distance	< 2 mm (< 0.08 in)
Beam divergence	< 1.5 mrad
Tripod thread	1/4" + 5/8"
Pulse power for receiver	yes, auto
Size info box / case	49 cm x 21 cm x 51 cm, 8.9 kg 19.3 in x 8.3 in x 20.1 in, 19.6 lbs

* Depending on lighting conditions

Scope of Delivery



Leica Lino ML180

Art. No. 784438

Leica Lino ML180, NiMH battery pack, charger for battery pack, battery tray for Alkaline, target plate, XCR catch receiver, receiver clamp, batteries for receiver, quick start guide, Calibration Certificate Blue, hard case

Accessory

TRI 70 tripod

Art. No. 794963

TRI 100 tripod with tiltable head

Art. No. 757938

CLR 290 clamp rod

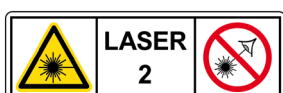
Art. No. 761762

Extended Warranty



Register your product within 8 weeks of purchase at www.disto.com/warranty and benefit from our 3-year warranty, respectively 2-years warranty on NiMH batteries.

Dealer Stamp



in accordance with IEC 60825-1



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- when it has to be **right**

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