



LMPL20

Robust, self-levelling pipe laser for the most demanding jobsite conditions

- ▶ Long-range remote control and large display
- ▶ Dual-slope capability of $\pm 10\%$ in horizontal position using keypad and remote control
- ▶ Exceptionally high accuracy and long working range

Additional features

- ▶ Electronic self-levelling
- ▶ Robust and waterproof
- ▶ LED plumb reference
- ▶ Cross-axis levelling

Applications

- ▶ Manhole and sewer construction



Technical Specifications	LMPL20
Part number	F 034 062 2N1
Laser diode	635 – 650 nm
Laser class	3R
Accuracy	± 10 arc seconds
Working range	200 m
Grade range	-15% to ~ +40%
Line range	$\pm 15\%$
Dust and splash protection	IP67
Power supply	NiMH battery pack/4 x D cell batteries
Operating time (max.)	40 h/60 h
Length	400 mm
Width	160 mm
Height	160 mm
Weight	4.8 kg
Scope of delivery	
RC20 remote control (F 034 069 PN1)	✓
Target set (1 608 M00 8NE)	✓
12V cable PLPC20 (1 608 M00 3N4)	✓
Leg set	✓
1 x NiMH battery pack (1 608 M00 1NK)	✓
Charger with EU/UK power cable set	✓
Hard carry case	✓



RC20

Remote control for LMPL20 pipe laser

- ▶ Robust, waterproof housing
- ▶ Long working range
- ▶ Two-way radio communication provides real-time data exchange between the remote control and the pipe laser

Applications

- ▶ Grade control
- ▶ Line control
- ▶ Menu functions
- ▶ Battery indicator
- ▶ Standby and operating modes
- ▶ Pipe laser lock (anti-tamper)
- ▶ Pulse mode



Technical Specifications	RC20
Part number	F 034 069 PN1
Range, remote control	Up to 200 m
Power supply	3 x 1.5 V LR03 (AAA)
Weight	0.2 kg
Scope of delivery	
3 x 1.5 V LR03 (AAA) batteries	✓

Accessories for Pipe Laser

7



59-PLMHT

Part number

- ▶ Manhole mount for the pipe laser

- ▶ Suitable for LMPL20

59-PLMHT

F 034 092 GN0



59-PLTRIVET

Part number

- ▶ Trivet plate mount that acts as a platform for the pipe laser in the manhole
Easy height adjustment to suit the pipe elevation.

- ▶ Suitable for LMPL20

59-PLTRIVET

F 034 092 EN1



59-NMH20

Part number

- ▶ Rechargeable battery pack
NiMH. 4.8 volts.

- ▶ Suitable for LMPL20

59-NMH20

1 608 M00 1NK



59-PLBP20

Part number

- ▶ Non-rechargeable battery pack
4 mono cells (alkaline).

- ▶ Suitable for LMPL20

59-PLBP20

1 608 M00 1ND

59-PLPC20

Part number

- ▶ Power cable
12 volts.

- ▶ Suitable for LMPL20

59-PLPC20

1 608 M00 3N4



59-TARGET

Part number

- ▶ Target set consisting of target holder, TARGET-S and TARGET-L

The TARGET-S (11.5 x 7 cm) and TARGET-L (24.5 x 7 cm) can be slid into the guide track of the holder from above and fixed in place using a locking screw.

- ▶ Suitable for LMPL20

59-TARGET

1 608 M00 8NE



59-TARGET-S

Part number

- ▶ Small target (11.5 x 7 cm)

- ▶ Suitable for LMPL20

59-TARGET-S

1 608 M00 8NG



59-TARGET-L

Part number

- ▶ Large target (24.5 x 7 cm)

- ▶ Suitable for LMPL20

59-TARGET-L

1 608 M00 8NF