

PIPEGUIDE

PIPE LAYING LASERS

AVAILABLE IN RED
OR GREEN BEAM

DESIGNED FOR
HARSH OPERATING
ENVIRONMENTS



 PART OF MOBA GROUP

We are part of the German MOBA Group, a globally recognized trusted partner for supplying high quality solutions for earthmoving, road construction, cranes and lifters, waste management, mining and agriculture.

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PIPELAYING LASERS

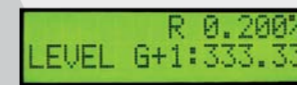
**MADE IN AUSTRALIA
AND DEVELOPED WITH
INDUSTRY KNOWLEDGE**

**SUPERIOR BEAM QUALITY
AND WORKING RANGE
WITH AN INDUSTRY
BEST ACCURACY.**



FEATURES

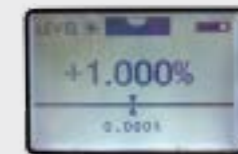
- Re-modelled and easy-to-follow switch pad
- Charging possible while laser in use
- Automatic warning if service is required
- Unique handle design which permits auto self level in cross axis when used on trivet plate
- Grade to ratio conversion
- Remote lock and height alert
- Impressive grade range (-20% to +35%)
- Remote control for out of trench adjustments
- Battery saving 'standby mode' via IR remote
- Battery status indicator
- Internal rechargeable battery
- Machined metal body
- Service program - customized display
- Large LCD display 70 x 45mm (LS.145.B and LS.145.G only)



RATIO



PERCENTAGE



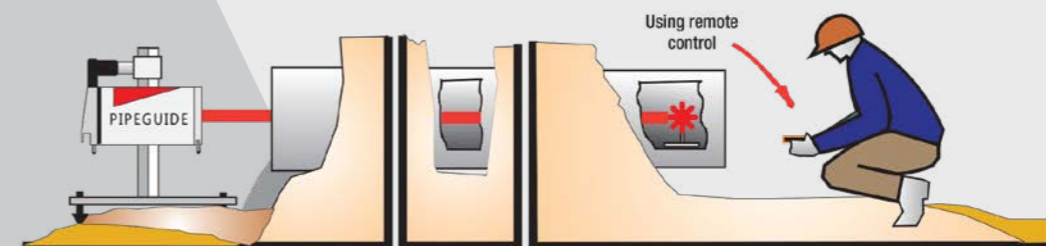
PERCENT



RATIO

TYPICAL SET-UP

PIPEGUIDE features one of the largest grade ranges of any pipelaser for fast and accurate pipelaying in all conditions. Pipeguide is 100% waterproof, made from machined aluminium and comes in a range of different models to suit your particular needs.



AVAILABLE MODELS



LS.140.E

Red beam pipelaying laser with external power supply and cabled remote control



LS.140.B

Red beam pipelaying laser with internal rechargeable battery pack and IR remote control



LS.140.G

Green beam pipelaying laser with internal rechargeable battery pack and IR remote control



LS.145.B

Red beam pipelaying laser with large LCD Display, internal rechargeable battery pack and IR remote control



LS.145.G

Green beam pipelaying laser with large LCD Display, internal rechargeable battery pack and IR remote control

ACCESSORIES

A range of accessories has been developed to make the Pipeguide more efficient, easy to use and versatile:

- Various targets
- Carry cases
- Mounts
- Adapters
- Etc.

For more details refer to 'Pipelaying Accessories' brochure from MCE Lasers or visit www.mcelasers.com.au.



Back Support

A.140.701 (100 mm pipe)
A.140.042 (150 mm pipe)

The Back Support allows MCE Pipeguide to be set up on top of a standard 100 or 150 mm plastic sewer pipe, without slipping.

The nylon foot fits firmly onto the lower carry handle



Trivet plate

Height Adjustable Pole A.140.002
Base Plate for Pipeguide A.140.001
Rod Mount: MCE Pipeguide A.140.005



Targets

The targets for the PIPEGUIDE range from those small enough to fit inside a 150mm pipe to large adjustable models.

SPECIFICATIONS

FEATURES

	LS.140 .E	LS.140 .B	LS.140 .G	LS.145 .B	LS.145.G
Laser type	635 nm red laser diode	635 nm red laser diode	532 nm green laser diode	635 nm red laser diode	532 nm green laser diode
Laser power	3 mW nominal	3 mW nominal	3 mW nominal	3 mW nominal	3 mW nominal
Laser class	Class 3R	Class 3R	Class 3R	Class 3R	Class 3R
Grade range	-20% to +35%	-20% to +35% (or any 55% range)	-20% to +35% (or any 55% range)	-20% to +35% (or any 55% range)	-20% to +35% (or any 55% range)
Self-levelling range	-22% to +37%	-22% to +37%	-22% to +37%	-22% to +37%	-22% to +37%
Line adjustment	± 2.25 m @ 30 m	± 2.25 m @ 30 m	± 2.25 m @ 30 m	± 2.25 m @ 30 m	± 2.25 m @ 30 m
External power source	12 - 16 V DC	12 - 16 V DC	12 - 16 V DC	12 - 16 V DC	12 - 16 V DC
LCD Dimensions	55 x 10 mm (remote only)	55 x 10 mm	55 x 10 mm	70 x 45 mm	70 x 45 mm
Internal power source	N/A	Rechargeable Ni-Cd battery	Rechargeable Ni-Cd battery	Rechargeable Ni-Cd battery	Rechargeable Ni-Cd battery
Operating time	N/A	20 hrs / optional 40 hrs	20 hrs	20 hrs / optional 40 hrs	20 hrs
Charging input	N/A	12 - 16 V DC	12 - 16 V DC,	12 - 16 V DC,	12 - 16 V DC,
Charging time	N/A	6 hrs approx.	6 hrs approx.	6 hrs approx.	6 hrs approx.
Polarity protection	Yes	Yes	Yes	Yes	Yes
Dimensions	Length: 270 mm Diameter: 140mm	Length: 270 mm Diameter: 140mm	Length: 270 mm Diameter: 140mm	Length: 280 mm Diameter: 140mm	Length: 280 mm Diameter: 140mm
Weight	5 kg	5 kg	5 kg	5 kg	5 kg
Type	Corded	Infra-red	Infra-red	Infra-red	Infra-red
LCD display	Yes	No	No	No	No
Controls	Grade and line	Grade, line, lock and standby mode	Grade, line, lock and standby mode	Grade, line, lock and standby mode	Grade, line, lock and standby
modeBattery type	N/A	9 V battery	9 V battery	9 V battery	9 V battery
Operating range	Laser to remote cord: 6 mm	100 m (conditions dependent)	100 m (conditions dependent)	100 m (conditions dependent)	100 m (conditions dependent)
Dimensions	280 x 115 x 70 mm	105 x 60 x 35 mm	105 x 60 x 35 mm	105 x 60 x 35 mm	105 x 60 x 35 mm
Weight	0.2kg	0.2kg	0.2kg	0.2kg	0.2kg