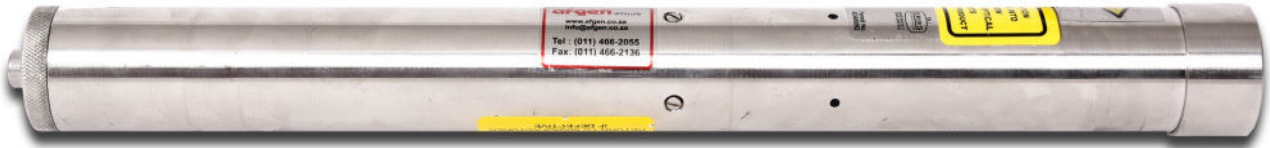




**POSITIONING AND
SURVEYING SOLUTIONS**

An ISO 9001 Accredited Company

UNILINE 1500 SERIES LASERS TUNNEL AND MINE ALIGNMENT TOOLS



Uniline DL1500 Series alignment lasers are designed to meet the demanding conditions experienced in the harsh tunneling and mining environment.

Utilizing the most advanced laser diode technology, combined with a sophisticated lens system, the laser light remains tightly collimated for distances up to 1000 metres, depending on the model selected, providing an accurate reference for tunnel and mine development.

SPECIFICATIONS

Model	Diode					
DL1510	<3mW 635nm (Red Beam)			Range		
DL1557	<5mW 635nm (Red Beam)			in good conditions	Uniline DL/GDL1510	600m
GDL1510	<3mW 652nm (Green Beam)				Uniline DL1557	1000m
Battery	On-board Rechargeable NiCad Battery Up to 60 hours continuous use per cycle			Spot size	+/- 15mm at 250m +/- 25mm at 400m +/- 85mm at 1000m	
Converter	220/240VAC / 5VDC For fresh air use only - not I.S.					
Casing	Stainless Steel	Diameter	41.5mm	Mass	1.75kg	Laser only
		Length	406mm		2.25kg	Laser with on board battery

The Uniline laser and on-board battery have South African Bureau of Standards Intrinsic Safe approval for use in hazardous areas.
Approval Number IA No. SABSA M/05-247X

RUGGED MOUNTING SYSTEMS

Suspended Mount

Fast extension of line.
Quick and accurate
suspension of the laser
between survey spads or other points on the roof.

The patented hook design prevents the cord
from slipping out when knocked or tilted.



Universal Roof/Wall Mount

Rugged construction with a wide
range of coarse and fine adjustment.

Easy set up for permanent and
semi-permanent installations.



Tube Mount

For mounting the laser on a
plinth, tripod or other base.



Rail Alignment Mount

For aligning track and rail.



Afgen has designed and manufactured laser systems for mining, tunneling and industry for more than 30 years, has received several Design awards and was first selected as one of South Africa's Top 100 technology companies in 1992.

AFGEN (PTY) LTD

15 Kyalami Boulevard, Kyalami Park, Midrand.
PO Box 70144, Bryanston, 2021 South Africa.
Phone: +27 11 466-2055 • Fax: +27 11 466-2136
Email: info@afgen.co.za • www.afgen.co.za



SABS ISO 9001 : 2008
150 9001 Quality Management Systems

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