

60 SERIES LASER



INTRINSICALLY SAFE

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Explosion-proof containment not required. Works in Methane/Air mixtures.

IEC 60079-0 : 2004

Edition: 4.0

Electrical apparatus for explosive gas atmospheres
Part 0: General requirements

IEC 60079-11 : 2006

Edition: 5

Explosive atmospheres
Part 11: Equipment protection by intrinsic safety "i"

Code: Ex ia I/IIC T4 IP55

CERTIFICATE No.

IECEx SIM 11.0003

LD.60.IS



LD.60.IS
with optional
gimbal bracket

FEATURES

The MCE LD.60.IS laser allows accurate construction and alignment of tunnels where being driven by tunnel boring machines, drill and blast, pipe jack or conventional hand techniques. MCE LD.60.IS is intrinsically safe and therefore does not require an explosion proof containment when working in gaseous environments such as methane/air mixtures. The unit is waterproof, rugged and entirely constructed of stainless steel and brass. The laser is based on diode technology and powered through 4 'D' cell batteries.

When used with the MCE designed adjustable gimbal, the laser is easy to install on tunnel walls and adjust to target.

OPTIONS

Horizontal Gimbal I/S (Brass)	A.60.004.IS
Rubber bumpers	A.60.001
Metal carry case	A.60.006
Penta prism	A.MCE.029
External line generator	A.60.009

APPLICATIONS

- Mining
- Tunneling
- Industrial
- Safety
- Manufacturing
- Power Boring

SPECIFICATIONS

Length	455 mm
Diameter	60 mm
Weight	3.7 kg with batteries
Power supply	4 x 'D' cell batteries
Operating time	300 hrs
Laser Class	2M
Operating range	More than 300 m
Beam diameter (at exit)	10 mm

Specifications subject to change without notice

**Measuring, levelling
and layout solutions
for all trades**

Mining - Aligning - Engineering - Environmental - Civil Construction
Surveying - Geological - Glass Testing - Speed Detection

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