

LDM-2 X-Y Adjustment Module



Features

- Precision X and Y adjustment of the laser beam
- Rugged design that holds zero under shock
- Anodised aircraft grade aluminium case
- Compact design 16mm dia. x 56mm long
- Slow start, reverse polarity and over voltage protection

The LDM-2 X-Y Adjustment Module is a very rugged and reliable unit which is encapsulated in an aircraft grade anodised aluminium case with a removable protective cap. The X and Y adjustment system allows for precision movement of the laser beam to achieve perfect bore-sighting.

The LDM-2 X-Y Adjustment Module includes slow start, reverse polarity and over voltage protection, and is available with a pulsing option and internal battery if required. Power is connected to the module using red (+ve) and blue (-ve) flying leads.

Specifications:

Available Wavelengths	635, 650, 670, 780, 808, 830 & 850nm
Available Powers	1 - 100mW
Beam Size at aperture	2mm diameter
Divergence (collimated beam)	< 0.75mrad
Operating voltage	3 - 6V DC
Operating current	30 - 300mA (Depending on laser power)

Specify part numbers as follows: **LDM-2P-650-3**

(i.e. LDM-2 series, pulsed option, wavelength = 650nm, output power = 3mw)

Options

Collimated beam for pointing	C
100kHz Pulsed option	P
Fixed Focus	F300 (Focussed at distance of 300mm)

This product is registered with the FDA in accordance with 21 CFR 1040.10(a)(3)(I) and is compliant with European, and Australia/New Zealand laser safety standards 73/23/EEC - 98/37/EG, 89/336/EEC, EN 50081-1, EN-31252, EN-31252, EN 55022, EN 60825-1 and AS/NZS 2211:1997. The complete laser product manufacturer must supply adequate instructions for installation and servicing of this product. This is not a removable laser system. This product is designed solely as a component in an electronic product and therefore does not comply with the requirements of 21 CFR 1040.10 and 1040.11 for complete laser products. Avoid direct eye exposure to the beam.

Distribution in the UK & Ireland



**Characterisation,
Measurement &
Analysis**

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