

260 SERIES

HIGH-POWER LASERMOUNTS



The 260 series LaserMounts are designed to provide high performance and long term operation. Wire harnesses for various types of lasers are available. Each 260 Series mount can be bolted to an optical table or work surface using holes matching the 1" centers of most optical tables.



CUSTOMIZABLE COPPER COLD PLATE

100% copper cold-plate with mounting holes for common lasers and LEDs, and hard nickel plating for maximum performance and scratch resistance. **Custom mounting configurations available.**



PASSIVE COOLING (MODEL 262)

Take advantage of the 0.25°C-per-Watt cooling efficiency of the Model 262 to maintain low package temperatures.



ACTIVE HEATING AND COOLING (MODEL 264)

The 264 LaserMount includes a built-in Peltier device and temperature sensor for bi-polar temperature control.



STANDARDIZED CABLE CONNECTORS

Connect to Arroyo Instruments laser drivers and temperature controllers with standard cables.



NITROGEN PURGE (OPTIONAL)

The optional 260-C cover with available 1/8" barbed nozzle adapts to a nitrogen supply to eliminate condensation around the laser device.

AT-A-GLANCE

Mounting Plates

- ▶ All Copper Design
- ▶ Breadboard or Multi-Device
- ▶ Customizable Mounting Holes

Cooling Mode

- ▶ Passive Cooling (Model 262)
- ▶ Active Heating & Cooling (Model 264)

Thermal Capacity

- ▶ 0.25°C/W (Model 262)
- ▶ 30 Watts (Model 264)

Also Includes

- ▶ Integrated Fan
- ▶ Optional Laser Harness



OPTIONAL HIGH TEMPERATURE

The 260 Series mounts are available in an optional high temperature configuration, allowing for operation up to 150°C, but retaining the temperature range and thermal capacity of the standard mount. Because thermistors do not perform well at high temperatures, the sensor is replaced with a high accuracy Pt100 RTD sensor.

Contact the factory for a quote.

ACCESSORIES



260-C

COVER FOR 260 SERIES MOUNTS

For applications that need a very stable response or protection of the device, the 260-C is a custom designed cover that fits snugly on top of the fixture, and includes a $\frac{1}{8}$ " barbed nitrogen purge nipple.

RECOMMENDED CONTROLLERS AND CABLES

The right temperature controller for your application depends on the mount and temperature range your application requires:

MODEL 262

5240 or 5305 (depending on laser module requirement) and 1260B cable

MODEL 264

5305 and 1260B cable.

MODEL 264, 150°C

5300-04-15 and 1260B cable, or
5300-08-24 and 1262B cable

Ordering Information:



800 Village Walk #316
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Ph: 203-401-8093

Email orders to: sales@xsoptix.com
Fax orders to: 800-878-7282