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arroyo instruments

MODEL 286 HIGH-POWER TECMOUNT



The model 286 TECMount provides 100W thermal capacity in a compact and functional enclosure. This precision engineered mount come with a flexible array of mounting holes and the temperature sensor built-in.

AT-A-GLANCE

Mounting Plates
- All Copper Design
- Standard Breadboard Pattern
- Customizable Mounting Holes

Cooling Mode
- Active Heating & Cooling

Thermal Capacity
- 100 Watts

Also Includes
- Integrated Fan

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.**

ACTIVE HEATING AND COOLING

Built-in Peltier devices and a temperature sensor for bi-polar temperature control.

TEMPERATURE SENSOR SWITCH

Does your device have an onboard temperature sensor? Flip a switch to bypass the mount's cold plate sensor and send the signal directly to your temperature controller.

STANDARDIZED CABLE CONNECTORS

Connect to Arroyo Instruments temperature controllers with standard 17W2 cables.



OPTIONAL HIGH TEMPERATURE

The 280 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 Pt 100 RTD sensor.

Contact the factory for a quote.

ACCESSORIES



286-MKIT

280 SERIES MOUNTING ACCESSORY KIT

The MKIT is a series of mounting accessories to accommodate the integration of the 286 TECMount vertically or horizontally onto your optical bread-board or other mechanical system.

RECOMMENDED CONTROLLERS AND CABLES

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

MODEL 286

5300-08-24 and 1262B-17W2 cable.

MODEL 286, 150°C

5300-08-24 and 1262B-17W2 cable, or
5400-15-28 and 1264 cable

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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