

MODEL **284**

HIGH-POWER
TECMOUNT



The model 284 TECMount provides 30W thermal capacity in a compact and functional enclosure. This precision engineered mount come with a very flexible array of mounting holes and the temperature sensor built-in.



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 DB15 cables.

AT-A-GLANCE

Mounting Plates

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

Cooling Mode

- ▶ Active Heating & Cooling

Thermal Capacity

- ▶ 30 Watts

Also Includes

- ▶ Integrated Fan



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



284-MKIT

280 SERIES MOUNTING ACCESSORY KIT

The MKIT is a series of mounting accessories to accommodate the integration of the 284 TECMount vertically or horizontally onto your optical breadboard 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 284

5305 and 1260B cable.

MODEL 284, 150°C

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