

Rapid & Efficient Sample Preparation

One-Key Start | Efficient Cooling System | User-Friendly Interface

2 year warranty
Limited warranty

SPECIFICATION	TeraUV DESCRIPTION
Sample Tray Total Dimension	11.5 x 9.1-inch (291 x 230 mm)
Sample Tray Max. Height	2-inch (50 mm)
UV Curing time	0-999 secs
UV Light Wavelength	365 nm
Dimensions (W*D*H)	Closed: 15.7 x 15.9 x 7.6-inch (400 x 405 x 195 mm)
	Open: 15.7 x 25.1 x 7.6-inch (400 x 639 x 195 mm)
Weight	46 lbs (21 kg)



Revolutionize Sample Preparation with TeraUV

The TeraUV is a cutting-edge cold mounting machine for rapid sample preparation using UV light to cure resins. Simply pour the resin into a transparent mold, place it into the TeraUV, and within 60 seconds, you have a completely cured sample. This process ensures high-quality samples with minimal air bubbles.

Automated Operation & Precision Control

The TeraUV features automatic/electric door open and close for seamless “one key start” operation. The automated system completes the curing process and retrieves samples effortlessly. The 4.3-inch (110mm) touchscreen interface offers intuitive control, with adjustable curing times and four preset timer buttons.

Uniform Curing & Low Heat Generation

Equipped with upper and lower double-layer light sources, the TeraUV ensures even irradiation and uniform curing. The curing process is faster and generates low heat, with a maximum temperature of less than 90°C (194°F) and a sample temperature of less than 60°C (140°F). The dual fan cooling system enhances efficiency. Optional air extraction and purification prevent unpleasant odors, making the TeraUV ideal for high-quality, efficient sample preparation in any laboratory.

TeraUV ACCESSORIES	CATALOG#
1-inch diameter Clear UV mounting mold (3/pkg)	RMOUNT-0100C
1.25-inch diameter Clear UV mounting mold (3/pkg)	RMOUNT-0125C
1.5-inch diameter Clear UV mounting mold (3/pkg)	RMOUNT-0150C
2-inch diameter Clear UV mounting mold (3/pkg)	RMOUNT-0200C
2.75 x 1.625 x 7/8-inch Clear UV Mounting Mold (each)	RMOUNT-315RC
3 x 2 x 7/8-inch Clear UV Mounting Mold (each)	RMOUNT-302RC
UV Acrylic Curing Liquid	UV-1L



Molds & UV Acrylic Curing Liquid



Automated Operation

