



IR Braid Annealing Station

Braid Annealing Station

The MMT R&D Engineering IR Annealing Station delivers repeatable, precise infrared heat treatment for braided catheter development and manufacturing, replacing open-flame methods with a fully controlled, EHS-compliant process that eliminates torch variability and open-flame safety concerns. High-efficiency IR heating elements and a programmable temperature control system enable uniform thermal exposure, consistent stress relief, and improved material flexibility across both low-volume R&D runs and high-throughput production. A front-facing operator interface and integrated pneumatic handling reduce setup time and operator variability, while real-time process monitoring and data acquisition provide the documentation and repeatability needed to support process validation in regulated medical device environments.

Specifications

Temperature:	Ambient - 650°F
Enclosure:	208-240VAC, 20 AMP Plug
IR Lamps:	2000 watts at 240VAC
Air Supply:	60PSI minimum
Dimensions:	L: 27.5" W: 33" H: 20"
Weight:	160 lbs



Key Features

- Slide Cath Tray: Move the product in/out
- Catheter Cap: Hold the product when the product is loaded
- Upper IR lamp adjustment: Adjust the upper IR lamp's height accordingly
- Upper and Lower lamps: heat the product from both sides
- Slide Cylinder: Move the Slide Cath in/out
- Front & Back Shock Absorber: slow down the tray in the front & back

To learn more about the IR Braid Annealing Station, including a comprehensive list of features and specifications, please visit:



R&D Engineering is proud to be an MMT company – the sole source for automated, process-driven medical manufacturing.

Medical Manufacturing Technologies (MMT) brings together applications expertise, technical solutions, and aftermarket support to revolutionize medical device manufacturing.