



CathTip Quantum

Semi-Automated Tipping Machine

The Quantum is a tabletop tipping machine designed to produce superior outputs expected of the CATH TIP standard.

Our state-of-the-art, precision catheter forming systems produce the highest quality parts with speed and consistency. Achieve flashless tips, smooth bonds, and exacting geometry with virtually all thermo-plastic materials.

Produce a wide range of applications – flares, flanges, angular welds, bonds, multilumen shape transitions, butt welds, balloon to catheter welds, neck downs, soft-tip fusion, metal-to-tube adhering, sheaths, dilators, radio-opaque, strain relief bonds, swaged metal needle guides, tube-in-tube bonds, etc.



KEY FEATURES

- Streamlined for Production
- Tailor-engineered to your specific application
- Powerful RF generator
- Work with extrusion sizes from 1FR to 34+ FR
- Proprietary, durable carbide tipping dies
- Modular “black box” tooling design
- Store up-to 256 recipes
- Multi-stage heating capability for exacting catheter formation
- Minimize operator variability with semi-automatic carriage

UNIVERSAL SPECIFICATIONS

- **RF Induction:** 1.2 KW @150-400 kHz Solid State
- **Motion:** Stepper with encoder
- **Force Control:** Display only
- **Temperature Control:** Display only
- **Air Actuation:** Recipe-controlled proportional regulator
- **Power:** 120/240VAC at 50/60Hz
- **Air:** 100psi max. 5cfm
- **Interface:** Touchscreen, PLC
- **Dimensions:** 28” x 31” x 23” (from tabletop)
- **Weight:** 100 lb

SAFETY FEATURES

- Light curtains (optional)
- Dual-touch sensors
- E-stop



CATH TIP 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. [Learn more at mmt-inc.com](http://mmt-inc.com).