



# Cathtip Nexus

## RF Catheter Tipping Machine



The Cathtip Nexus combines power and convenience for high-performance, dedicated production. With 1.2kW of power, this compact, desktop-sized catheter tipping machine is optimized for simple tipping, bonding, and flaring processes that don't require extensive recipe control. Featuring our next-gen tooling cartridge, the Nexus allows for toolless changeovers, precise closed-loop PID heat control, and air-regulated motion.

Designed with user safety and efficiency in mind, the Nexus includes a safety cover, machine-controlled lock and release, and a 5" capacitive touchscreen interface. Its semi-automatic platform, with ergonomic right-handed part loading and hand tie-down start buttons, ensures an intuitive, seamless production workflow.

The Nexus does not require a water chiller, saving both valuable space and reducing costs, making it ideal for applications that don't demand the high process capabilities provided by water cooling. While complex applications that require water cooling, servo-driven motion, and ultimate recipe control flexibility should be reserved for the premier Cathtip Magnum Tipper, the Cathtip Nexus is optimized as the best cost-effective, space-saving solution for any dedicated simple tipping processes, making it the perfect choice for high-performance and high-throughput production.



### KEY FEATURES

- Optimized for dedicated production for simple tips, bonds, or flares
- Tailor-engineered to your specific application
- Compact, desktop-sized tipping machine with separate power supply unit
- Store multiple recipes
- Interchangeable tooling cartridge design
- Generate temperatures up to 600°F
- Control temperature with closed loop architecture or percent power
- Equipped with new generation of tooling cartridge and clamp assembly
- Toolless changeover with cartridge safety cover
- Three-level user security
- 5" capacitive touchscreen
- Hand tie-down process start buttons
- Air-cooled system
- Cost-effective choice for processes that don't require extensive fine-tuning development or force control.
- Pneumatic dial-controlled clamping & motion
- Right-handed part loading
- Semi-automated platform
- Up to 1.75" stroke length
- CE compliant, meeting European safety standards

### SPECIFICATIONS

- **RF Induction:** 1.2 KW @150-400 kHz Solid State
- **Motion:** Low friction pneumatic cylinder
- **Heat Control:** Closed-loop PID temperature or generator percent power
- **Air Actuation:** Manually adjustable regulator
- **Power:** 120/240VAC at 50/60Hz
- **Air:** 100 psi max. 5cfm, machine accepts 1/4" OD air tubing
- **Interface:** 5" Touchscreen
- **Dimensions:** 15.75" W, 13"D, 5.75" H (Separate Power Supply Unit 12"W, 24"D, 24"H)
- **Weight:** 90 lbs (30-lb tipping & 60-lb power supply unit)



CATHTIP 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.