



# Accu-Drill MD-10

## MANUAL HOLE DRILLER



The Accu-Drill MD-10 Manual Hole Driller is capable of **drilling and skiving precise holes** in plastic and silicone medical tubing. It is intended for use in R&D environments and low volume manufacturing. It may also be configured to **punch holes**. The Accu-Drill MD-10 is a one axis (Z-axis) machine with a motorized drill, and can be configured with **up to three axes**.

### KEY FEATURES

- Hollow spindle allows for the use of an ejector pin to remove plugs from drills
- Automatic hole plug ejection keeps drills clean for precise hole drilling
- Catheter drilling guides change easily and accurately for easy set-up
- Keyless drill chuck allows for fast and easy drill changes
- Drill depth setting to within .001"

### COMMONLY PROCESSED MATERIALS

- Teflon® PTFE
- Teflon® FAP
- Silicone
- Polyimide
- Pebax®
- PEEK
- Polyurethane
- PVC (vinyl)
- TPE
- PET
- Polycarbonate
- Acrylic
- Polyethylene
- Latex and natural rubber
- Nylon 6 and small diameter nylon 12

### SPECIFICATIONS

**Spindle speed:** 0 - 4,000rpm

**Drill depth setting resolution:** .001" (.025mm)

**Drill chuck runout:** .0002" (.005mm) TIR

**Drill chuck:** .125" (3.17mm) diameter

**Power:** 110VAC at 50/60Hz

**Air:** 30-120psi

**Dimensions:** 12" x 10" x 16" (30.48cm x 25.4cm x 40.64cm)

**Weight:** 30 lb. (13.6kg)

#### OPTIONS:

- Manually adjustable X and/or Y positioning stages
- Digital microscope and LCD monitor
- .156in (3.99mm) diameter capacity drill chuck
- .062in (1.57mm) diameter capacity micro drill chuck
- 220VAC conversion
- Vacuum hole-plug collection
- Catheter drilling and skiving guides
- Mechanical catheter graspers
- Keyed lumen positioning fixtures
- Custom part nests
- Pneumatic skiving stabilizers
- CE certification



An MMT Company

SYNEO 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).