

SYN·E·O

the medical device solutions company



Accu-Drill MD
Manual Hole Driller

Overview

The Accu-Drill MD10 Manual Hole Driller is capable of drilling and skiving precise holes in plastic, silicone and steel braided 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 MD10 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”

Available model

- Accu-Drill MD10

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)

Process materials

- Teflon® PTFE
- Teflon® FAP
- silicone
- polyimide
- Pebax®
- PEEK
- polyurethane
- PVC (vinyl)
- latex and natural rubber
- TPE
- PET
- polycarbonate
- acrylic
- polyethylene
- nylon 6 and small diameter nylon 12

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

Scan the QR code for more information

