

# **Cathtip** Flex-Drill

## Semi-Automated Hole Drilling Machine

Flex-Drill by CATHTIP is the most flexible, cost-effective option for hole forming in catheter prototypes and early development applications. The drill can be mounted or handheld and operated by a foot pedal making it quick and easy to try new hole diameters or patterns in a variety of different tubing materials. The Flex-Drill utilizes the superior Flow Thru<sup>TM</sup> bit technology found in CATHTIP's hole forming machines allowing for easy core evacuation and a clean workstation.



#### KEY FEATURES

- · Mountable in drill press with motion platform
- · Quick removal from stand with toggle clamp
- · Fine tune depth stop
- · Reference ruler on the side
- · Quiet operation (enclosed vacuum generator)
- Several mounting hole options for tooling
- T-Slot mountable
- · Control via foot pedal or robot
- · Open source tooling design platform

#### **SPECIFICATIONS**

• Motion: Nema 17 Stepper motor

• **Power:** 120V at 50/60Hz

• Air: 100psi max. 5cfm

• Dimensions: 8" x 11"x 11" [from tabletop]

• Weight: 15lb

### SAFETY FEATURES

- Over two dozen drill bit sizes from 0.015 "-0.197"
- Panel dial set speed from 100-2000RPM
- Collet-style drill head for punches & ejector pin (optional)



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