

# *Cameron* Micro Drill Presses

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## *Cameron* CNC Micro Machining Center-Model TC Specifications



### **Four Position Automatic Tool Changer**

- Axis Travel: X - 6", Y- 4", Z - 5-1/2" (150mm x 100mm x 134mm)
- Axis Resolution: 0.0001" (0.0025 mm)
- Axis Repeatability: 0.0002" (0.005mm)
- Traverse rates up to 80ipm
- Spindle run out is less than 2 micron
- Spindle speeds up to 50,000 rpm
- 350W Brushless Motor drives the Spindle
- Capable of Drilling Holes from 0.002" to 1/8" (0.05mm to 3.2mm)
- Machine Footprint: 18" x 20" (460mm x 510mm)
- Work Table: 5.5" x 6" (140mm x 150mm)
- Includes either a 2mm, 3mm, 1/8" or 4mm collet
- Air actuated tool release from collet
- Nema 23 Servo motors on each axis (155oz/in peak torque)
- Safety enclosure with vacuum nozzle
- FlashCut CNC G-Code Control Software with Laptop Computer User Interface
- Video Edge Finder
- Process Inspection Camera with Lights
- Micro Spray System
- Mobile Workstation—2' x 5' x 3'H, made with 1" x 2" tubular steel
- Optional Rotary 4<sup>th</sup> axis