

## Equipment List

Our 40,000-square foot Manufacturing facility was designed, and custom built in 2014 to suit the needs of the medical device industry. With over 40, 5-axis CNC machines on our floor and state-of-the-art metrology equipment, we're able to handle all your manufacturing needs.

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- **(24) 5-Axis Milling Machines**
  - (15) HAAS VF2SSYT 5-Axis Mills – 30k RPM Capability
  - (3) HAAS DT-1 Mills – 20k RPM
  - (3) MAZAK INTEGEX i-100S Mill-turns
  - (2) CHIRON FZ12 MT High Speed Plus, – (1 is a dedicated PEEK Machine Center)
  - (1) Chiron DZ12 FX, DUAL Spindle, 5-Axis – (Anatomic Plate Machine)
- **(14) Swiss Screw Machines**
  - (13) Citizen L20 Swiss Machines - 60k RPM live tool capability
  - (5) Citizen L20 Swiss Machines – Type XII with B-Axis
  - (2) Citizen M32Y Swiss Machines
- **(4) Wire EDMs**
  - (3) Fanuc Robocut c400iA Wire EDMs
  - (1) Fanuc Robocut c600iB Wire EDM
- **(4) Laser Marking Machines**
  - (2) TYKMA Zetalase XL – (3-Axis Capability)
  - (1) TYKMA EMS400 – (4-Axis Capability)
  - (1) TYKMA Minilase
- **Metrology Equipment**
  - (1) Hexagon Global 5 Series 575 CMM – (Touch Probe Scanning Capability)
  - (1) StarLite 250 RAM Optical Measurement System
  - (4) Deltronic Optical Comparators
- **Secondary Processing Capabilities**
  - Type 3 (*color*) Titanium Anodize Line
  - Type 2 (*gray*) Titanium Anodize Line
  - Electropolish Line
  - ESMA Passivation System
  - ESMA Ultrasonic Final Cleaning system (Metal-Dedicated Line)
  - ESMA Ultrasonic Final Cleaning system (PEEK-Dedicated Line)
  - (3) Empire BBO Automated Barrel Blasters
  - (2) Cyclone Grit Blast Cabinets