



## PRODUCTION FACILITIES LIST

Modern 30,000 Square Foot Facility in Westford, MA

ISO 9001, ISO 13485, FDA & ITAR Registered

### Quality Control

- 1-Zeiss CMM Spectrum 5/5/6 VAST XXT with Calypso software
- 1-Hexagon Global S Green 5.5.5 CMM
- 5-Deltronic DH-16 Profile Comparators
- 1-Keyence IM-7030T Optical Measuring System
- 1-Keyence IM-6225 Optical Measuring System
- 1-Sprint Ram Optical 200 Vision System
- 1-Vision Precision Engineering Optical Dyna-Scope 100X
- 4-Brown & Sharpe Micro-height units
- 12-Surface Plates
- 12-Nikon Micro-Scopes 50X
- 2- Federal Profilometers
- 1-Phase 2 Rockwell Material Hardness Analysis System
- 2-Sunnen Precision Bore Gages
- Multiple Sets of Thread Gages

### CNC Turning

- 1-Citizen L20 Type X With High Pressure through Coolant with Thread Whirling Capability
- 1-Citizen M420V - 9 Axis with Thread Whirling Capability
- 1-Citizen M20 12 with Thread Whirling Capabilities
- 1-Nakamura AS-200 with Y-Axis and Live Tooling
- 1-Nakamura TMC-18 with Live Tooling
- 1-Nakamura TW-10 Y twin spindle with live tooling
- 1-Nakamura SC-250 With Live Tooling

### CNC Milling

*All Machining Centers Have Robotic Loading Capabilities Using Our Universal UR10 Robots*

- 2-Brother U500Xd-1, 5 axis horizontal machining center robotic load system
- 5-Fanuc RoboDrills-T21 with 4th axis capability
- 2-Fanuc RoboDrills-D21 with pallet changers,
  - 1-Feeler HV-800 DM with 4th axis capability
- 1-Feeler MV-1000H Vertical Machine Center
- 3-CNC Haas Indexing Units

### EDM

- 7-Fanuc "C" series Wire EDM Machines w/4th Axis
- 1-Ocean 500 Technology CNC Hole Pop

### Prototype

- 1-Hurco-VM-1 Machining Center
- 1-Proto-Trak SLX CNC lathe
- 1 Proto-Trak DMP2 3 axis CNC lathe
- 3-Bridgeports, with precision digital readout systems
- 3-Precision Hardinge Tool Room Lathes Precision Read Outs
- 1-Proto-Lab, Rigid 400 3-D printing system

### CNC Laser Marking Capabilities

- 2-FOBA M2000PLaser Marking systems with 4<sup>th</sup> Axis and UDI Capability
- 1-Electrox 600 Laser Marking System with 4<sup>th</sup> Axis and UDI capability

### Laser Welding Capabilities

- 1-OR Laser Technology SYS ECO 4600 Laser Welding System with full Rotary Capabilities.
- 1-OR Laser Technology ECO 3300 Laser Welding system with full rotary capabilities.

### Miscellaneous

- 3- Calibrated heat treat ovens and Cress heat treat oven
- 1-KC AX Horizon auto feed cutoff saw
- 1-V500 Vertical cutoff saw
- 1-Harrig precision surface grinder 6" x 18"
- 1-Agathon precision tool grinder
- 1-Sunnen Honing machine
- 1-Crest ultrasonic cleaning system model OCJ-1218
- 1-Crest ultrasonic passivation line
- 3-Precision glass bead stations
- 2-Vibratory tumbler stations
- 1-Pelton 7 Crane sterilizer model AF 10