**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

1-DEA Coordinate Measuring Machine

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*

1-Brother H550Xd-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-Exeron CNC Conventional EDM1-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 4th Axis and UDI Capability

1-Electrox 600 Laser Marking System with 4th 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

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