

Medical Parts Processing



Products Used

- FANUC M16iB/20T top loader
- 4 Citizen M-20 Swiss-style lathes
- Custom ultrasonic part cleaning
- Brown & Sharpe Profile 50 inspection
- OGP optical gaging microscope
- Heat treating equipment

Challenge

- Lower manufacturing cost, while increasing production output.
- Part quality and traceability has very high importance.
- Part handling with little operator intervention.

Solution

This custom system runs with one operator who primarily attends the tooling and turning process details. Raw bar stock is loaded into the 4 CNC Swiss-style turning centers where the part process is performed, while the robotic portion handles the remainder of the process. Complete parts that are ready for final inspection, reporting, and packaging are delivered to the cell operator on custom trays. Complete part traceability is achieved.