



ENGINEERING QUALITY ASSEMBLY
AND TEST SYSTEMS SINCE 1993.

Expert Solutions

Integrated LASER Marking

TECHNICAL BULLITEN

Customer Objective

Design and supply a series of LASER marking stations to safely and automatically apply labels to selected, different types of medical devices.

Project Description

INVOTEC Engineering has developed a standard station platform to supply a series of complete, "turn-key" stations that include integrated part fixturing, fume extraction and safety circuits to provide high resolution LASER marking. Using the standard station approach, coupled with the LASER marking technology developed for this type of product, provides an efficient, fast method of clearly applying a programmable, permanent label on medical devices.

Manufacturing Benefits

Simple to operate stations offer an error-proofed process that integrates the latest advancements in fiber LASER marking technology. High capacities are realized when applying multiple part labels on devices during each cycle. Additional operations can be added to each station with a custom designed solution that utilizes the indexing transfer dial with multiple fixture locations.

Integrated Technologies

Telesis Zenith Fiber LASER system integrated with a LASER safe operation enclosure, fume extractor, custom part fixturing, integrated error-proofing sensors, safety circuits, Allen-Bradley PLC and operator interface terminal.

