

Technology Overview

- § A fully automated machine for precision micro-welding
- § Welding procedures for Inconel, Hastelloy, stainless steels, copper alloys, aluminium alloys, etc.
- § Know-how to qualify the laser welding procedures according to industrial standards

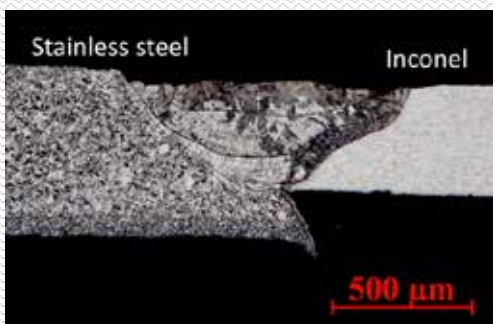


Technology Features

- § Fully automated welding and inspection
- § Advanced pulse lasers to minimize distortion or thermal damage
- § Able to weld previously non-weldable materials (especially dissimilar materials)

Potential Applications

- § Aerospace manufacturing and memanufacturing
- § Medical devices
- § EV battery
- § Sensors
- § Flexible electronics
- § Applicable to all healthcare industry related to detection of diabetic foot.
- § An adjunctive diabetic foot screening tool in clinic.
- § Extended to other diseases like cancers, wound healing, eye diseases, and bone fractures etc.



Benefits

- § Able to weld dissimilar materials that could enables development of new technology (e.g. new sensors and micro-devices)
- § Help improves quality and aesthetics
- § Significant cost saving

