

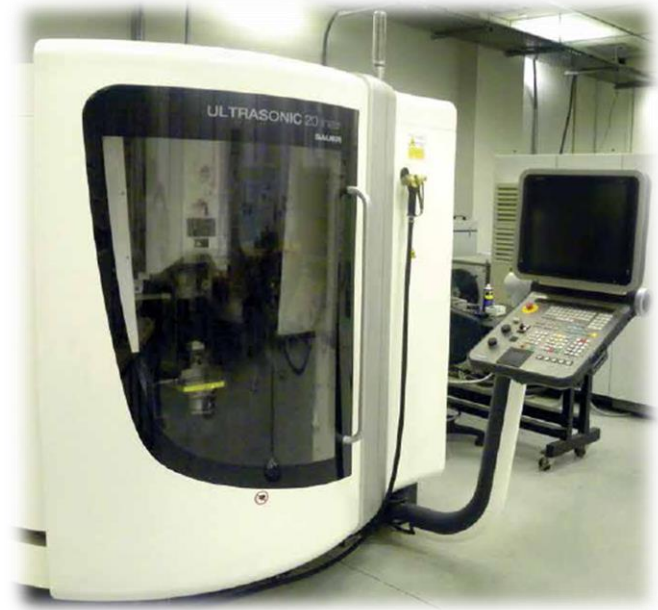
Micro Manufacturing Lab

Micro Manufacturing is a new trend in manufacturing systems, which has several applications such as micro molds, micro holes, microfluidics, surface texturing and engraving, Through-Via for MEMS. The micro manufacturing laboratory has four basic units:

1. Ultrasonic Machining.
2. Micro Laser Beam Machining.
3. Micro-Injection Molding.
4. Micro Electric Discharge Machining.



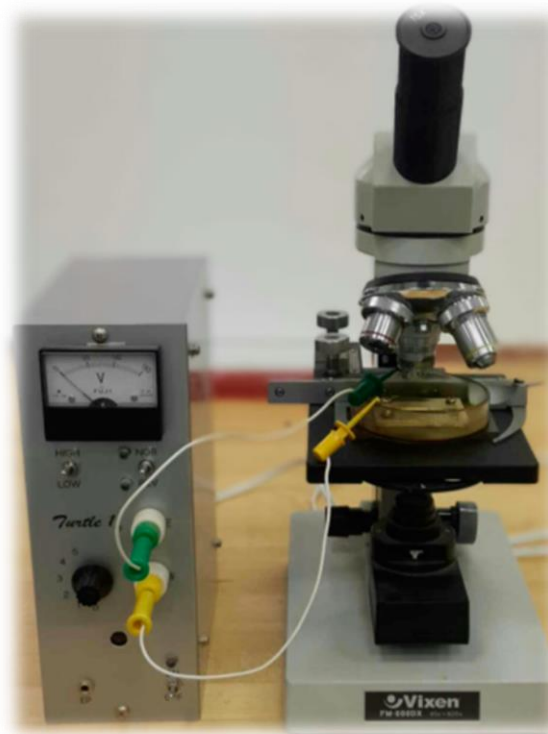
Lasertec 40 DMG



Ultrasonic 20 DMG



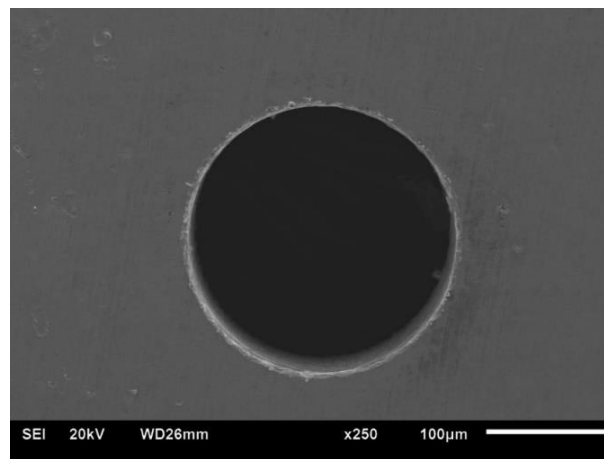
Engel e-victory 50



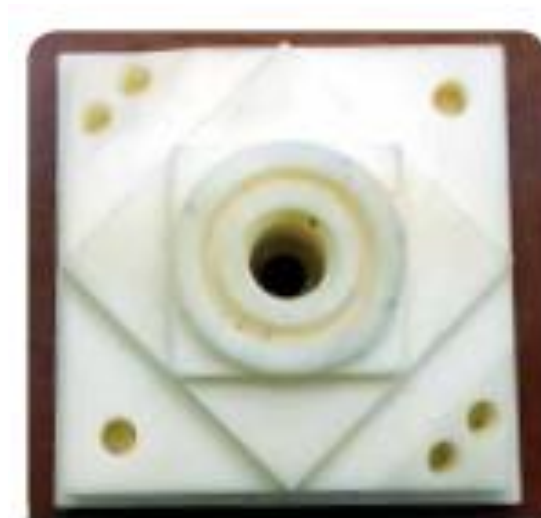
Micro Electric Discharge Machine



Tool steel Micro-molds fabricated using laser micro milling



Micro hole fabricated using micro-EDM



Alumina ceramic machined using 5-axis Ultrasonic machine