

Machine Name : Ultra-high-speed laser micro-machining machine

Brand : Microlution

Machine Model : ML-5

Stock No. : 65358

Ex-factory Date : 2012



Main Technical Parameters:

three-axis travel: 280x350x260mm

A-axis (tilt) travel (degree) : +95 to -12°

C-axis (rotation) travel (degree) : 360°

Position precision : $\pm 1\mu\text{m}$

Repeatability : $\pm 0.5\mu\text{m}$

through hole precision : $\pm 2\mu\text{m}$

Setting precision: less than $2\mu\text{m}$

machining hole diameter : 0.025-0.5mm

Overall Footage (width x length x height)(mm/inch): 2,010x2,450x2,720mm

machine tool weight : 2,730 kg

Achievable pore size: $0.018\pm 2\mu\text{m}$

Hole spacing: $25\mu\text{m}\pm 3\mu\text{m}$

Edge chipping at the orifice: less than $3\mu\text{m}$

Number of workholes: 1,500 holes

