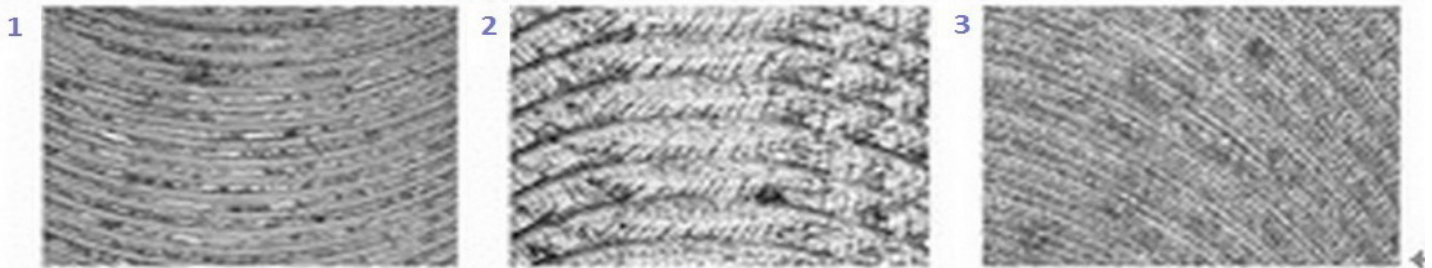


Multidimensional Ultrasound Products

Our company's multi-dimensional ultrasonic actuator is researched and developed with a university team for industrial processing applications.

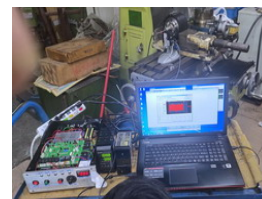
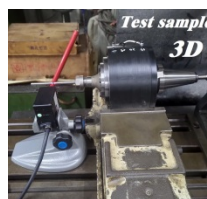
◎ Please see attached picture

1. Processing without ultrasonic power assistance is prone to high temperature, long processing time and short tool life.
2. One-dimensional ultrasonic power-assisted processing reduces the processing temperature. The processing time is short, the tool life is extended, the processing debris is easily eliminated, and the processing surface is smooth.
3. Two-dimensional ultrasonic power-assisted processing reduces the processing temperature. The processing time is short, the tool life is extended, processing debris is easily eliminated, and the processing surface is more detailed.



The surface morphology of the workpiece with or without the use of the ultrasonic function :

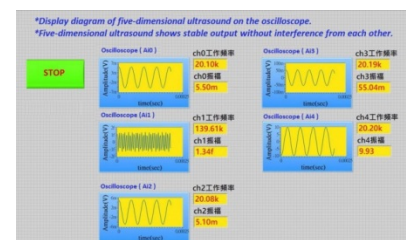
1. No ultrasonic processing is used.
2. Use one-dimensional ultrasonic processing.
3. Using two-dimensional ultrasonic processing.



Designers are doing static testing of 3D ultrasound equipment.



Five-dimensional scraping ultrasonic tool handle test sample



Designers are doing static testing of 5D ultrasound equipment.