



UNIQUE SOLUTIONS

7100 XLA

For large PCB or RF devices



- Large dicing area up to 24" X 18"
- 2" or 4" configuration
- Easy access for maintenance
- Customization chucks, tape process with or without clamps
- Adjustable rotating monitor + USB hub

| | | |
|-----------------------|---|-------------------------------------|
| Workpiece Size | 24" X 18" | |
| Spindle | 60K rpm / 1.8 kW or 4" 30K rpm 2.5KW | |
| Blade Size | 2"-3" or 4"-5" | |
| Y Axis | Control | Linear encoder |
| | Resolution | 0.1 µm |
| | Cumulative Accuracy | 1.5 µm |
| | Indexing Accuracy | 1.0 µm |
| X Axis | Air Slide | |
| Z Axis | Resolution | 0.2 µm |
| | Repeatability | 1.0 µm |
| Θ Axis | Repeatability | 4 arc-sec |
| | Stroke | 380° |
| Utilities | Electrical | 200-240 VAC, 50/60 Hz, single phase |
| Dimensions | (W x D x H) mm | 1670 x 1256 x 1600 |
| | Weight | 1000 kg |

Materials:

Glass panels | PCB | FR4 + Copper | QFN and more

71MD

For ultrasound transducer



- Low-vibration spindle plus monitoring options
- Advanced height measurement capabilities
- Z linear Encoder
- Unique, Integrated balancing software
- PZT Wall Thickness Measurement

| | | |
|-----------------------|---------------------|-------------------------------------|
| Workpiece Size | Ø 8" | |
| Spindle | 60K rpm / 1.8 kW | |
| Blade Size | 2" – 3" | |
| Y Axis | Control | Linear encoder |
| | Resolution | 0.1 µm |
| | Cumulative Accuracy | 1.5 µm |
| | Indexing Accuracy | 1.0 µm |
| X Axis | Air Slide | |
| Z Axis | Resolution | 0.2 µm |
| | Repeatability | 1.0 µm |
| Θ Axis | Repeatability | 4 arc-sec |
| | Stroke | 380° |
| Utilities | Electrical | 200-240 VAC, 50/60 Hz, single phase |
| Dimensions | (W x D x H) mm | 965 x 1300 x 1600 |
| | Weight | 900 kg |

Materials:

Glass | PZT | LED & LED on PCB Packages | Sensors & MEMS | Opto-electronic Components | IC Wafers | Automotive Sensors | Ceramic Substrates & Capacitors | Glass on Silicon | LTCC | SAW Filters | Package Singulation (BGA, QFN)