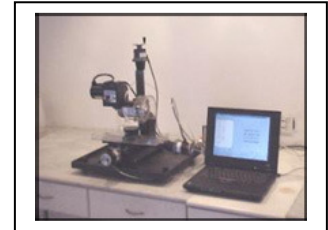

Precision Dicing Saw

Precision Dicing and Cutting Saw

Based on precision CNC milling machine design, this saw can be used for dicing or cutting all kinds of materials up to 4" diameter wafers or 8" in length x 4" width, and 1" thick components.

FEATURES

- ✦ 1/2 HP high torque DC motor with variable speed up to 3000 rpm
- ✦ Power input 110 to 240 VAC
- ✦ X,Y and Z three dimensions linear motion up to X= 8", Y=4" and Z = 4"
- ✦ CNC controlled step motor with 0.0025 mm moving resolution and 0.01 mm position accuracy
- ✦ User friendly software allow you cutting or dicing automatically via Windows based PC
- ✦ A precision 100 mm dia. sample stage with two angle adjustable in 360° rotating, and 15° tilting, as well as a small vise, are ready for cutting material in a desired orientation
- ✦ One 4" dia x 0.3 mm thick sintered diamond wheel
- ✦ Two sets of flanges with 90 mm dia. (for dicing) and 40 mm dia (for deep cutting)
- ✦ Assemblies of Water jetting, draining, splashing protection Include

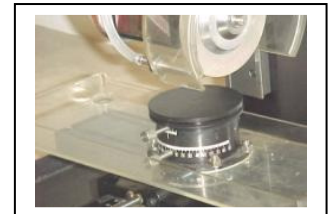


Standard Package

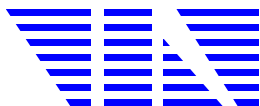
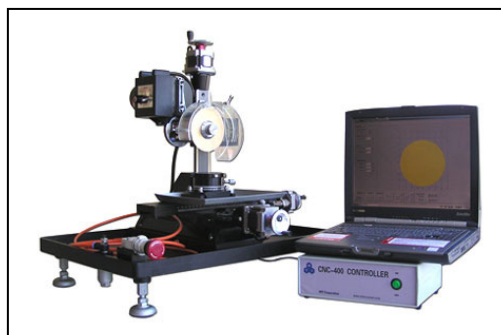
- A cutting machines with a spindle motor and three step motors
- Three-axis step motor drive with cables (Computer not included)
- One set of sample holding materials (1ea)
 - 4"dia x 1/4" thick glass plate
 - 2" x 2" x 0.5" graphite plate
 - 2" x 0.5" x 1/16" Aluminum plate, and
 - crystal wax
- Base dimension of 400 x 400mm
- Shipping weight 150 lbs (68Kgs)

Optional Accessories

- 4" dia. vacuum chuck for wafer holding
- Adhesive film for wafer dicing without wax
- Immersion water pump for coolant circulating without tap water
- Sintered diamond blade (3" x 0.2 mm or 4" x 0.3 mm)



4" dia Vacuum Chuck



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