


Precision CNC Dicing / Cutting Saw with Accessories & Laptop and Software - SYJ-400



Introduction

SYJ-400 (upgraded EC-400) is a **CE certified** precise and cost effective dicing and cutting solution for R&D Lab in Materials and Micro-electronics research field. It is designed for dicing and cutting almost all kinds of materials up to 4" diameter wafer or 8" L x 4" W x 1" H components at low cost. The EC-400 saw can be computerized with position accuracy of 0.01 mm or better and the sample stage with two-angle adjustment allows customers to cut materials at the desired angle with +/- 0.5° tolerance. Furthermore, 15.6" laptop with software and USB cable installed and for immediate use.

Specification

Motor	1/2 HP high torque DC motor with variable speed up to 3,000 rpm (110V-220V available.)
Effective Cutting Range	3 Dimension: X-axis: 8" Y-axis:4" Z-axis:4"
Accuracy	0.0025 mm moving resolution and 0.01 mm position accuracy.
Cutting Blades Kits	One 4" dia x 0.35 mm thick fully sintered diamond blade Two pairs of flanges with 62 mm diam. (for dicing) and 42 mm diam. (for deep cutting)
Control mode	Manual control / PC control
Water Cooling	Assemblies of water jetting, draining and splashing protection are included.
Net WT& DIMEN	Net Weight: 28.5 kg 580 L x 560 W x 660 H (mm)
Shipping WT & DIMEN	Shipping weight : 150 lbs 43"L x 30"W x 34"H (inch)
Warranty	One year limited --- including all electronic and mechanical parts, but not including damages caused by misuse, such as rusted part from inadequate storage and broken parts by the user.
Certification	 CE certified



MTI Corporation

860 South 19th Streets, Richmond, CA 94804, USA

www.mtixtl.com

Tel: 510-525-3070

Fax: 510-525-4705

E-mail: info@mtixtl.com