

Automatic CUTTING & SCRIBING Machine for Green Sheets

(Model : SCT-10SA)

The HANSUNG SYSTEMS' Automatic CUTTING & SCRIBING Machine (Model : SCT-10SA) is designed for mass-production and R & D works in the perforation of precise cutting or scribing in the ceramics tape.

Applications : Mass-production and R & D Works for Multi-layer Ceramics Package.
LTCC, Multi-layered RF module. Multi-layered thick film sensor, etc..

Model SCT-10SD has followings features ;

- **Operation is simple ;**
- **Model Changing** is simple and quick.:
- **Cutting Tool changing is quick:** You can change over a complete Cutting tool assembly in the ceramics tape.
- **Cutting quality is excellent:** There is no puckering around the cutting area.
The Working plate and Cutting knife holder are controlled temperature.
- **The Price is right:** You will be pleasantly surprised- all this quality, performance and easy programming for much less than competitive system.



Machine Specification (Model SCT - 10SA)

1. POSITIONING SYSTEM: Punching through Numeric control. ; Resolution : 0.001 mm (1 μ m) .
2. AC SERVO MOTOR & CONTROLLER.
3. CUTTING RANGE : MAX. X-Axis 100 mm/ MAX. Y-Axis 100 mm.
4. CUTTING REPEATABILITY : MAX. \pm 20 μ m
The Maximum tolerance of positioning is from acceleration and de-acceleration by when LOAD : 20Kgf and Velocity :400mm/sec.
5. MAXIMUM THICKNESS of CUTTING : 3 mm
6. TEMPERATURE CONTROL :
WORKING PLATE : Room Temp.- 120 through SCR control.
CUTTING BLADE : Room Temp.- 70 through SCR control.
7. The height of Blade control : Stopping Mechanism by Micro-meter.
8. COMPUTER interface control system.
Interface between Machine and computer : RS232C interface.
Computer Specification : over IBM compatible 486DX /
Window'95/98/98SE/ME/NT
9. Software feature;
 - 1). Cutting Model Change: Maximum 43 cutting model can store in machine without interface with computer.
 - 2). User can program following 3 type cutting model.
 - 1). How many cut user want.???
 - 2). How many times inspection cutting.
 - 3). Cutting size input : input μ m unit.
10. Inspection System.
 - 1). Dual Camera : Model MM-8SG. / Black & White Industrial CCD CAMERA.
Techni-Quip Corporation. Made in U.S.A.
 - 2). Video Split system : DASS-H (Video splitter & cross-hair generator)
Techni-Quip Corporation Made in U.S.A.
 - 3). Monitor : 9 or 12" Black & White Industrial Monitor.
11. UTILITY :
 - Power : 110 / 220 VAC. MAX. 2 KW.
 - Compressed Shop Air : Min. 5.5 Kgf/cm²

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* Above Specification will be changed without notice for machine improve .

