

## Automatic Micro-Hole Punching Machine (Model : SAP-200B)

開發 Automatic Micro-Hole PUNCHING MACHINE (Model SAP-200B)  
 , 高價 大量生産 差別化 研究, 學術,  
 Sample 製作

**Applications :** Multi-layer Ceramics Package, Chip Inductor, LTCC,  
 Multi-layered RF module. Multi-layered thick film sensor  
 via hole 가 ( ) 가 .  
 Stainless steel 가 .

**Model SAP-200B** CERAMIC GREEN SHEET HOLE 加工機  
 가 hole 金型 CERAMIC GREEN SHEET 가  
 Via hole (Pattern )

- 
- 
- **Punching Tool** 가 ∴ Punching Tool 1  
 가 가
- 가

### Tooling :

- 1). Round Hole : 0.15 mm (150 μm) - 7.50 mm
- 2). Square Hole : 0.50 mm<sup>2</sup> - 6.25 mm<sup>2</sup>
- 3). Tool 가



**AUTOMATIC Micro-Hole PUNCHING MACHINE (Model SAP-200B)**

CAT No. 020406K

## Machine Specification (Model SAP-200B)

1. Twin Head Type (Standard) : No.1 Head Assy. – Guide Hole 3.00 mm dia.  
No.2 Head Assy. – Via Hole 0.200 mm dia.
2. Numeric control Punching. : 0.001 mm (1 μm)
3. AC SERVO MOTOR & CONTROLLER .
4. PUNCHING 가 : 最大 X 200 mm  
最大 Y 100 mm
5. 加工位置 精密度 : 最大 ± 20μm  
(20Kgf 負荷 速度 400mm/sec 移動 加速度 最大 位置變形 精密度)
6. 加工 speed (cycle time) : 3 holes/sec.
7. PUNCHING : 1,999 point./Program  
( 가 point.: Controller 數)
8. PUNCHING POINT :  
IBM personal computer AT computer Data .  
ASCII code DATA 가 .
9. Personal Computer Machine : RS232C
10. Software : memory 128M byte Pentium IBM compatible PC  
Windows software.  
OS : Window 95 / 98 / ME / NT
11. Computer : IBM compatible personal computer Pentium (Option)
12. UTILITY : - Power : 220 VAC. MAX. 0.5 KW.  
- Compressed Shop Air : Min. 5.5 Kg/cm<sup>2</sup>

\* 가 Micro-hole punching machine Model HMP-400A

**MANUFACTURER :**

**SALES :**

( )

4 773

TEL : 02-2249-5235

FAX : 02-2249-2157

E-MAIL : [ehansung@hotmail.com](mailto:ehansung@hotmail.com)

