

## Manual type SCREEN PRINTER (Model : HSP-12A/B)

The HANSUNG SYSTEMS' manual type Screen Printer (Model : **HSP-12A/B**) is designed for R & D works and mass-production in the perforation of excellent printing on ceramic tape and other materials.

**Applications :** R & D and Production for PTC SENSOR, HEATER, PZT and NTC Thermistor sensor.  
R & D Works for Multi-layer Ceramics Package.,  
R & D for MLCC, Chip Inductor, Production for HIC,  
LTCC, Multi-layered RF module. Multi-layered thick film sensor,  
Solder printing for SMD work, etc..

**Model HSP-12A/B** is designed to control substrate location by X-Y- Table, snap-off distance control, SQUEEGEE pressure control and vacuum pump to hold substrate for excellent printing quality.



**Model HSP-12A/B (Manual Screen Printer)**

- **Operation is simple:**
- **Screen Printer set-up is simple and quick:** Set-up point is minimum.
- **Printing quality is excellent:** There is Linear motion Bearing for SQUEEGEE moving part..
- **The Price is right:** You will be pleasantly surprised- all this quality and performance much less than competitive system.
- **SCREEN FRAME:** 10" x 10 "(American Standard Model HSP - 12B) or 320 x 320 mm (ISO standard Model HSP - 12A).
- **Contact Printing:** for high density ink like solder paste.. 320 x 320 mm (ISO standard Model HSP - 12A).
- **Pull-Through screen printer** or other combination and sizes available depending on user application.
- **PULL-THROUGH SCREEN PRINTER** can be provided.

### Machine Specification (Model HSP - 12A or HSP - 12B)

1. SCREEN FRAME SIZE : 10" x 10" (HSP - 12B) or 320 x 320 mm (HSP - 12A).
2. Maximum printing area : 5" x 5" (124 x 124 mm)
3. UTILITY :
  - Power for vacuum pump : 110 VAC. or 220 VAC.
  - Compressed Shop Air : Not required.
4. MICRO-METER CONTROL (X-Y- ) TABLE : X, Y --- ±12 mm.  
--- ± 5 °
5. MUTI-POSITION WORK-HOLDER. (OPTION).
6. WORK-HOLDER for Green Tape . (OPTION).
7. MACHINE SIZE : 400 x 680 x 290 mm (W x D x H).

#### **MANUFACTURER :**

HANSUNG SYSTEMS, INC.  
773, DAPSHIPRI 4-DONG,  
DONGDAEMOON-GU,  
SEOUL, KOREA.

PHONE : 82-2-2249-5235

FAX : 82-2-2249-2157

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

#### **U.S.A. Office :**

HANSUNG SYSTEMS USA, INC.  
22104, S.Vermont Ave. #106  
TORRANCE, CA. 90502-2156  
U. S. A.

PHONE : (310) 212-0707

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

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



**Side view of Model HSP-12A/B (Manual Screen Printer)**