



**DIMA**<sup>®</sup>  
SMT SYSTEMS

**HANDY PRINTER**

# Screen and Stencil printers

## HANDY PRINTER



Photo:  
SMSP-0500

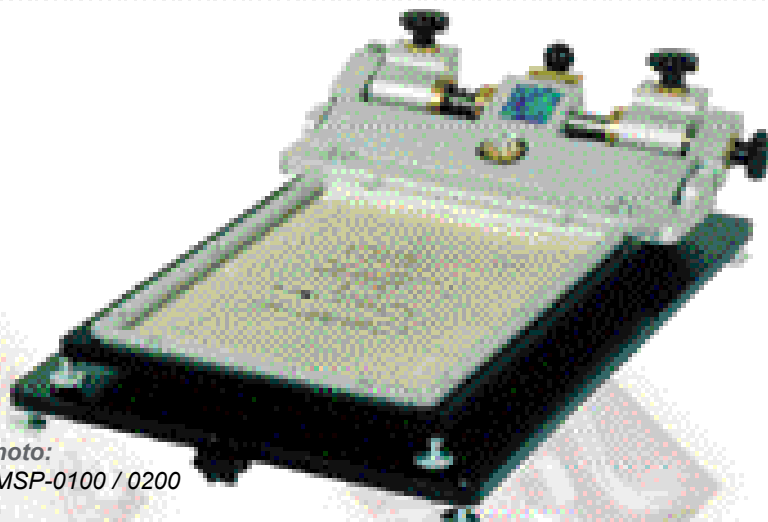


Photo:  
SMSP-0100 / 0200

### Models

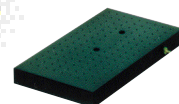
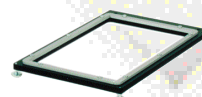
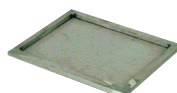
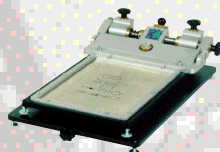
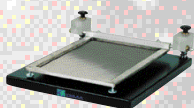
DIMA designed a range of manual operated printers for printing solder cream, glue and other products on to printed circuit boards and other substrates. As low cost model there is the screen printer SMSP-0500. For high accuracy and a higher level of working comfort DIMA designed the stencil printers SMSP-0100 / 0200. The stencil allows smaller openings than a screen and is therefore more suited towards fine pitch printing. The stencil printers are heavy duty manually operated units based on a heavy aluminium frame with bearings to ensure exact printing results.

### Operation

After inserting a PCB in the printer, you align the openings in your screen / stencil with the pattern on the PCB using the adjustment knobs for X,Y and Rotation . You adjust the height, put some solder cream on the back side of the stencil and squeeze it over the screen / stencil to the front of the printer using the squeegee. After removing the PCB from the base plate the operation is completed.

### Optional

To print flexible PCB's or other very light substrates an optional vacuum fixture is required. The stencil printer can be transformed into a screen printer by loosening two screws that hold the stencil frame which thereafter can be replaced by a screen. The SMSP-0500 comes with one screen (stainles steel 80 mesh) and the SMSP-0100 / 0200 with one stencil frame. Extra screens, stencil frames and Squeegees or vacuum fixtures have to be ordered separately.



#### Screen Printer

Article Nr.  
SMSP-0500  
Printing area  
150 x 250 mm  
Dimensions  
400L x 350W x 95H

#### Stencil Printer

Article Nr.  
SMSP-0100  
Printing area  
150 x 250 mm  
Dimensions  
500L x 290W x 140H

Article Nr.  
SMSP-0200  
Printing area  
250 x 350 mm  
Dimensions  
600L x 360W x 140H

#### Squeegee

Article Nr.  
SMSP-0170  
P.U. Squeegee  
70 shore 150 mm Long

Article Nr.  
SMSP-0270  
P.U. Squeegee  
70 Shore 250 mm long

Article Nr.  
SMSP-0175  
Stainles steel squeegee  
150 mm long

Article Nr.  
SMSP-0275  
Stainles steel squeegee  
250 mm long

#### Screen frame

Article Nr.  
SMSP-0160  
fits SMSP-0500 / 0100  
Printing area  
150 x 250 mm  
Dimensions  
250 x 350 mm

Article Nr.  
SMSP-0260  
fits SMSP-0200  
Printing area  
250 x 350 mm  
Dimensions  
330 x 445 mm

#### Stencil frame

Article Nr.  
SMSP-0150  
fits SMSP-0500 / 0100  
Printing area  
150 x 250 mm  
Dimensions  
220 x 335 mm

Article Nr.  
SMSP-0250  
fits SMSP-0200  
Printing area  
250 x 350 mm  
Dimensions  
330 x 435 mm

#### Vacuum fixture

Article Nr.  
SMSP-0130  
fits SMSP-0100  
Dimensions  
150 x 250 mm

Article Nr.  
SMSP-0230  
fits SMSP-0200  
Dimensions  
250 x 350 mm



DIMA SMT Systems NL B.V.

Beukelsdijk 2

5753 PA Deurne

The Netherlands

Tel: +31 493 352 752

Fax: +31 493 352 750

Email: sales@dimasmt.com

www.dimasmt.com

Your Agent