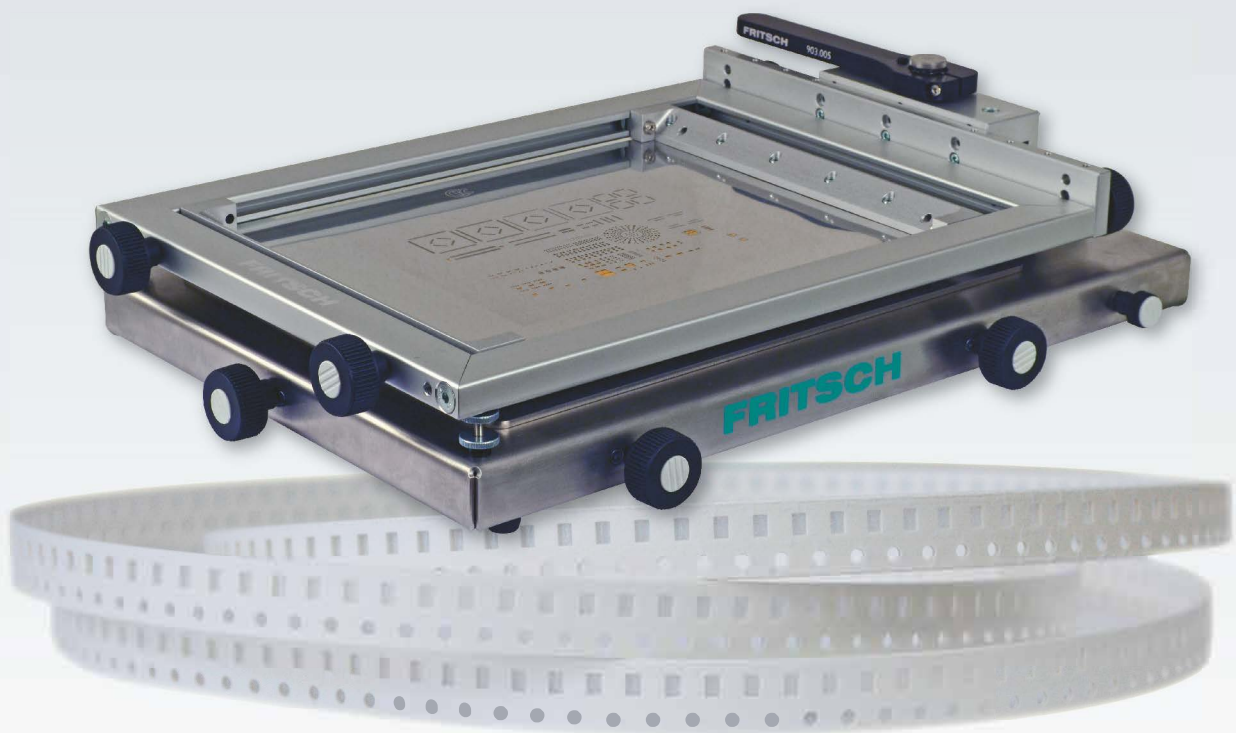


FRITSCH

COMPLETE AND FLEXIBLE SMT SOLUTIONS

Stencil Printer manual
903.005



Product information

The printALL005 is a manual stencil printer with a stable base frame for a high print quality. The solid construction offers an easy handling and a clean and reproducible print, even for fine structures of 0,5 mm. The printer is ideal for the production of prototypes and small series.

Easy handling

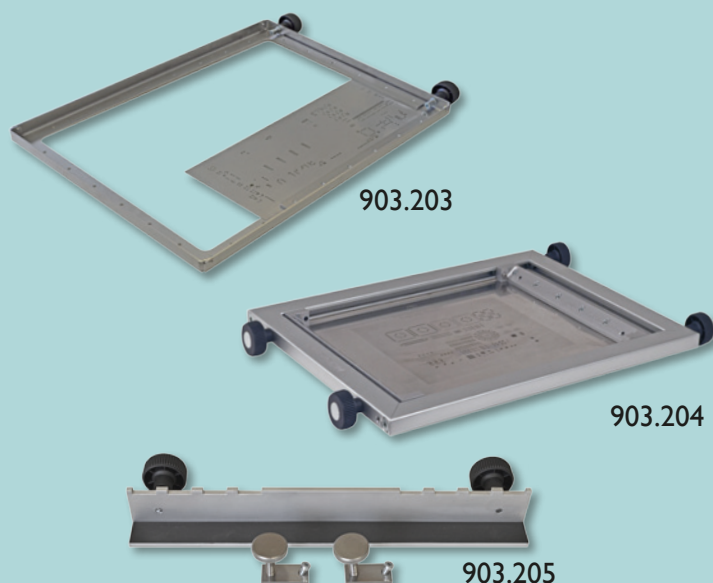
The basic model is good to print single and double sided PCBs. For this, the PCB are placed on the base plate and mechanically fixed. The X-Y and theta axis can easily be set by using knurled screws. A parallel clearing ensures a clean separation of the PCB and stencil and guarantees a perfect print image.

Technical Details

Dimensions:	640 x 400 x 150 mm, closed
Base:	545 x 360 mm
Size of clamping frame:	max. 460 x 30 x 355 mm
Effective area:	max. 390 x 290 mm
Adjusting range X/Y:	+/- 7,5 mm
Theta adjusting range:	+/- 3°
Parallel clearing:	2 mm
Weight:	ca. 15 kg plus options
With stencil frame	903.203:
size of stencil:	max. 420 x 320 mm
size of PCB/effective area:	max. 380 x 280 mm
With stencil-tension-frame	903.204:
size of stencil:	max. 360 x 280mm
size of PCB/effective area:	max. 330 x 270 mm
With magnetic-PCB-fixture set for double-sided printing:	
PCB bottom side:	max. 18 mm



System options



Stencil intake

There are three variants for the intake of stencils available. For simple tasks we offer a universal frame for stencil sheets where the stencils are simply clamped without tension. (903.203).

Optimal is to use the universal stencil-tension-frame (903.204). Different sizes of stencils can be used. The tension is effected from two sides and there isn't a perforation necessary.

A base plate for the use of fixed aluminium frames and accordingly for established Quick-Change-Systems. (903.205).

PCB fixture

For double-sided printing the PCB has to be fixed by the magnetic fixture. (Necessary by the use of a stencil-tension-frame).

Magnetic-PCB-fixture-set Set (903.103) for double-sided printing

1 x Magnetic-PCB-support-set (903.105)

2 x Magnetic-PCB-fixture-set (903.104)

Magnetic-PCB-fixture-set (903.104) for double-sided printing / 4 x PCB-fixture

Magnetic-PCB-support-set (903.105) for double-sided printing / 4 x PCB-support

Hand-squeegee

SD.0037.00 Hand-squeegee 110 mm, metal

SD.0036.00 Hand-squeegee 255 mm, metal

Vacuum option

Flexible vacuumoption for safe down-fixation of PCB while printing. (903.206). Incl. 4 magnetic suction cups and manual vacuum-deactivating.

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