

THIEME KPX

+ Printing solutions - a class of its own

THIEME 1000 E

Semi-automatic precision screen printing machine for printing materials for the electronics industry



Why
THIEME
1000 E ?



- + Customer-specific substrate positioning guides
- + High reproducibility of +/- 50 µm
- + Precise and fast make ready using the film set-up system
- + High-precision table adjustment unit
- + Low depreciation
- + Thieme quality „Made in Germany“
- + Reinforced shuttle print table with 12 mm thick aluminum print surface

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Specifics



- + Precise screen alignment by pneumatic 3-point system
- + Modern touchscreen panel for user-friendly operation
- + Pneumatic screen frame release
- + Adaptation of the basic machine to the customer's specific requirements
- + Absolute precision thanks to optional screen tension compensation device
- + Anti-drip squeegee system (optional)
- + Automated Clean Print unit (optional)

Technical data



Type of machine		1010 E	1020 E
Print size	[mm] [inch]	550 x 750 22 x 30	750 x 1050 30 x 41
Sheet size max.	[mm] [inch]	570 x 770 22 x 30	770 x 1070 30 x 42
Frame size	[mm] [inch]	1000 x 1100 39 x 43	1200 x 1400 47 x 55
Table - External dimensions	[mm] [inch]	800 x 1100 31 x 43	1000 x 1300 39 x 51
Vacuum field size	[mm] [inch]	525 x 735 20 x 29	720 x 1020 28 x 40
max. range of substrate thickness	[mm] [inch]	20 0,79	20 0,79
Table fine tuning X-X-Y	[mm] [inch]	+/- 10 +/- 0,4	+/- 10 +/- 0,4
Squeegee speed	[m/sec] [m/sec]	0,05 - 0,6 0,15 - 1,0	0,05 - 0,6 0,15 - 1,0
Weight	[kg]	1200	1300
Speed	[cycl/h]	900	800
Power supply	[V]	400/230	400/230
Circuit connection	[kW]	3,4	3,4
Consumption	[A]	12 bei 400 V	12 bei 400 V

All technical information are not binding and subject to be changed

+ THIEME GmbH & Co. KG

Robert-Bosch-Straße 1
D - 79331 Teningen

Tel. +49 (0) 76 41 5 83-0
Fax +49 (0) 76 41 5 83-110
Mail info@thieme.eu

+ THIEME S.A.S.

„Les Scientifiques“
Rue Sébastien Brant
Parc d'Innovation Strasbourg
F - 67400 Illkirch-Graffenstaden

Tél. +33 (0) 3 88 55 27 00
Fax +33 (0) 3 88 67 33 13
Mail france@thieme.eu

+ THIEME KPX Limited

Upper Bankfield Mills
Almondbury Bank
Huddersfield HD5 8HF
West Yorkshire, England

Phone +44 (0) 14 84 511 333
Mail sales@thiemekpx.co.uk

www.thieme.eu

www.thiemekpx.co.uk