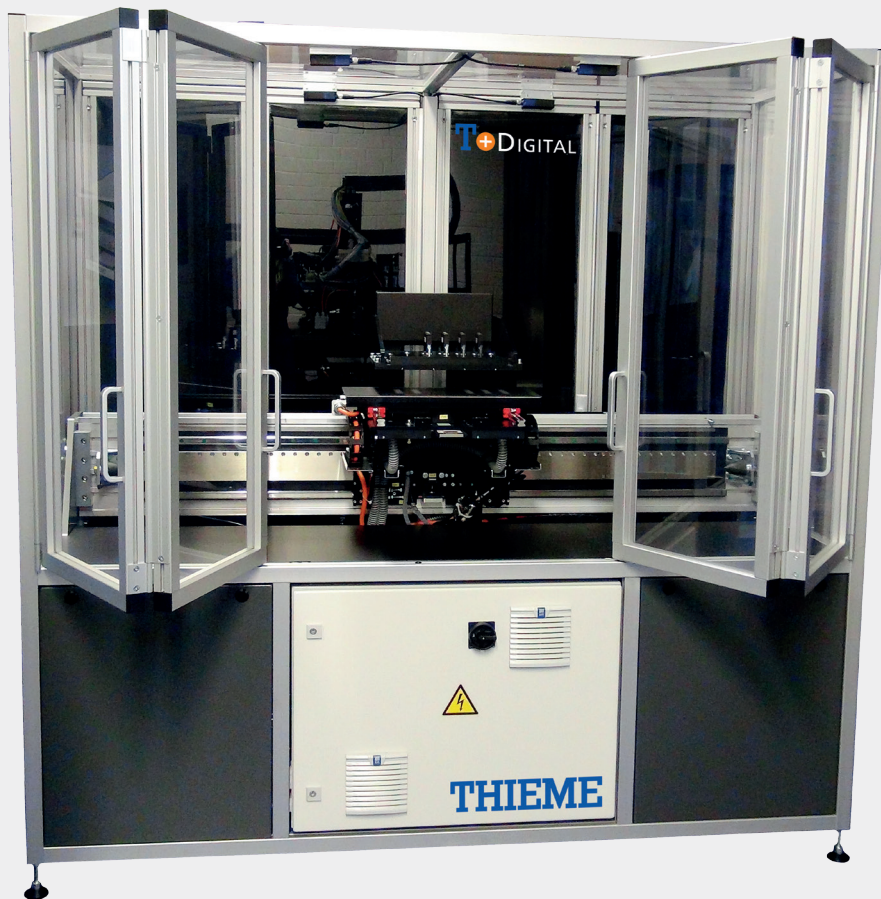


THIEME + DIGITAL

+ Printing solutions - a class of its own

THIEME LAB Digital



Why
THIEME
LAB Digital?



- + Platform for the development and approval of ink systems
- + Basis for the evaluation of different printhead manufacturers
- + Direct access to printhead-specific parameters such as wave forms, resolution, and printing modes
- + Integration of various drying technologies
- + Reliable transfer of the development parameters to production machine solutions
- + Thieme quality „Made in Germany“

THIEME DIGITAL

 Printing solutions - a class of its own

THIEME LAB Digital

Basic Data



- + For single and multipass applications
- + Highly precise, vibration-free linear technology
- + Variable print head arrangement
- + As an option, substrate alignment by means of CCD cameras +/- 15 µm
- + Programmable camera software enables various reference marks
- + Easy ink supply via cartridge system
- + PLC control of all printing parameters
- + Variable UV parameters

Barrier-free development



- + Optimal matching of ink and process:
Determination of optimal process parameters
 - + Printhead parameters
 - + Printing modes
 - + Drying performance
- + Inspection of process changes during production

Technical Data



Machine type	Unit	S	M
Print size	mm inch	400 x 210 15.7 x 8.3	400 x 300 15.7 x 11.8
Max. substrate weight	Kg	15	15
Size of vacuum area	mm inch	400 x 210 15.7 x 8.3	400 x 300 15.7 x 11.8
Max. substrate thickness	mm inch	55 2.2	55 2.2
Table fine adjustment Y-Y-X	mm inch	+/- 8 +/- 0.3	+/- 8 +/- 0.3
Outer dimensions (w/l/h)	mm inch	890 x 2035 x 2000 35 x 80 x 79	1090 x 2035 x 2000 43 x 80 x 79
Weight	kg	1000	1200
Mechanical repeatability	µm	+/- 15	+/- 15
Power supply	V	400 / 230	400 / 230
Circuit connection	kW	3,4	3,4
Consumption	A / V	12/400	12/400

All technical information is not binding and is subject to change

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