

THIEME KPX

+ Printing solutions - a class of its own

Application and process development



Why
Thieme?



- + Support of development departments and research institutes
- + Platform of the most diverse machine types for printing trials
- + Many years of expertise in screen and digital printing technology

Thieme is member:



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Application and process development

Engineering



- + Customised developments for substrate arrangement, e.g. optical alignment by means of CCD cameras
 - + Substrate transport such as Pick & Place handling systems, Roll to Roll etc.
 - + Project planning of inline and offline system concepts for the most diverse substrates
- Master computer for system control, status display and composition management of complex system components

Technical Center



- + Performance of printing and drying tests on the most diverse Thieme printing machines
- + Support in development topics and process evaluations
- + Creation of prototypes up to the pilot series

Process Control

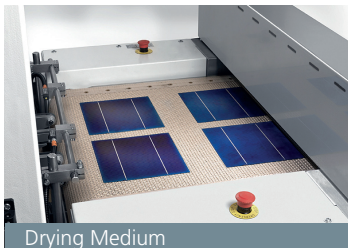


- + Integration of inspection systems for production monitoring
- + Implementation of Static Process Control (SPC) or In Process Control (IPC)
- + Multivariate Process control

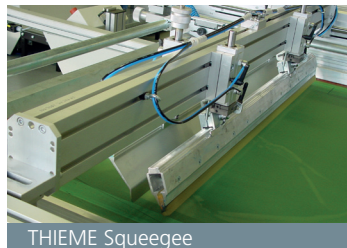
Result



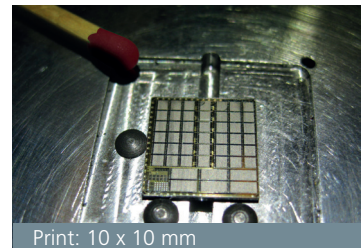
- + Feasibility studies
- + Determination of the process parameters
- + Configuration of the ideal machine components for the series production



Drying Medium



THIEME Squeegee



Print: 10 x 10 mm



Ink dispenser



Camera Alignment



Pick & Place

+ THIEME GmbH & Co. KG

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