

# THIEME + DIGITAL

+ Printing solutions - a class of its own

## Digital Printing of Membrane Switches

Customised designs with gradations, fills and fine detail possible in digital printing.



Front membrane  
 - Décor in digital printing  
 - Silk screen back printing with white and/or a barrier layer

Why  
 THIEME?  
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- + Screen and digital printing solutions from one supplier
- + Tested system with stability at over 1 million stroke cycles
- + Adhesive and scratch resistance, embossing capability
- + Compliance with the full specification for membrane keypads:
  - + Thermal shock tests
  - + Climatic and weathering tests
  - + UV exposure
  - + Dynamic fatigue limit
- + Completely tailored solution:
  - + Machine concept
  - + Membrane
  - + Ink



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## Digital Printing of Membrane Switches

### Advantages



- + Identical material handling in screen and digital printing to ensure the best possible register accuracy regardless of the process
- + Standard print sizes possible (e.g. 750 mm x 1050 mm)
- + Suitable for a wide variety of processing steps
- + Shortest set-up times and high precision
- + Wide colour gamut and high colour fidelity
- + UV ink for industrial production options

### Options & Applications



- + Wide range of accessories and options tailored specifically to the needs of the customer:

#### Some of the possible options

Substrate cleaning with anti-static material
Substrate-compatible desktops
Ionisation bar on the print table
Switchable vacuum fields in the printing table
Padded belt for heavy materials

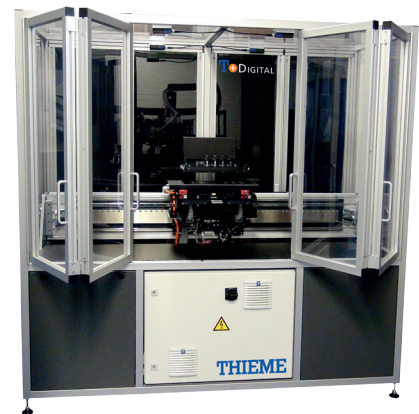
#### Examples of use

Front membranes
Customised input systems
Membrane keypads
Front panels

### Machines examples



THIEME 3000 D



THIEME LAB Digital

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