

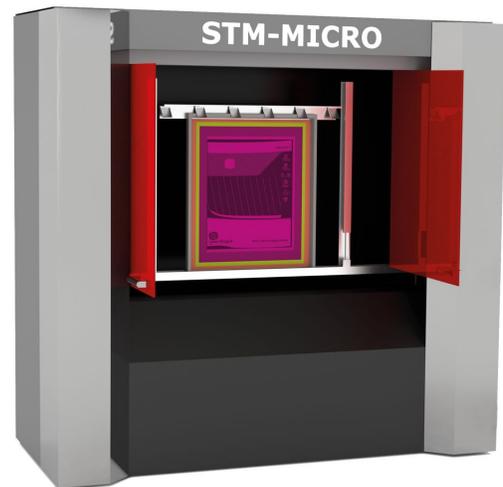
product solution

# SignTronic StencilMaster® STM-MICRO Series

The STM-MICRO Series is SignTronic's fourth generation direct exposure system that is specifically designed for smaller screens. It is front-loading, and so does not include the IN-LINE automation capabilities of other SignTronic models. However, this design allows unobstructed access for the operator, and requires less space for installation.

The STM-MICRO Series offers two options for the UV light source: A conventional CPL 330W UV lamp, or SignTronic's UV-LED DUO unit. While both options provide optimized UV exposure levels, the CPL 330W lamp emits a wider range of the UV spectrum, allowing for better performance with dual cure emulsions and a wider variety of meshes.

Additionally, the optional Remote Image Control Board (RICB) provides a simple and efficient means of monitoring and maintaining a high quality exposure. Each time an STM-MICRO Series unit is switched on, the RICB automatically measures the distance between the exposure head and the screen, as well as other important optical parameters, and makes any needed adjustments. This process can be repeated throughout extended runs to ensure consistent exposure. It can even compensate for bowed screens.



## FEATURES

- Rugged, high quality construction
- Front loader design for optimal handling
- Bidirectional imaging in both directions for speed
- Up-to-date Windows 10 operating system

## PURCHASING OPTIONS

### STM-MICRO\_S

- Max screen size (H x W): 34.6" x 34.6" (880 x 880 mm)
- Max exposure size (H x W): 27.5" x 27.5" (700 x 700 mm)
- Standard resolution of 1270 dpi, upgradeable to 2400 dpi (HR2) or 3040 dpi (HR3)

product solution

# SignTronic StencilMaster® STM-MICRO Series

## STM-MICRO\_L

- Max screen size (H x W): 47.2" x 35.4" (1200 x 900 mm)
- Max exposure size (H x W): 41.3" x 27.5" (1050 x 700 mm)
- Standard resolution of 1270 dpi, upgradeable to 2400 dpi (HR2) or 3040 dpi (HR3)

## STM-MICRO-XL

- Max screen size (H x W): 53.1" x 37.4" (1350 x 950 mm)
- Max exposure size (H x W): 45.2" x 27.5" (1150 x 700 mm)
- Standard resolution of 1270 dpi, upgradeable to 2400 dpi (HR2) or 3040 dpi (HR3)

## PRODUCT OPTIONS

### Masterframe M

A sturdy metal structure designed to hold several smaller frames for simultaneous processing

### RIP software

Colorgate Productionserver (SignTronic Edition)

### Proofing software

FirstPROOF PRO

### Process control

RICB (Remote Image Control Board)

### Exposure Light Source

High powered CPL 330 W UV lamp, UV-LED DUO (385 nm / 405 nm)

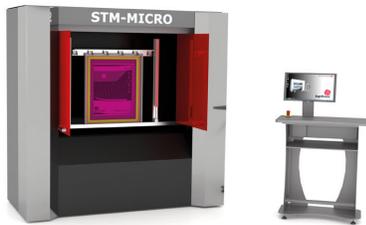
### Enhanced Resolution (STM-MICRO Only)

HR2 (2400 dpi), HR3 (3040 dpi)

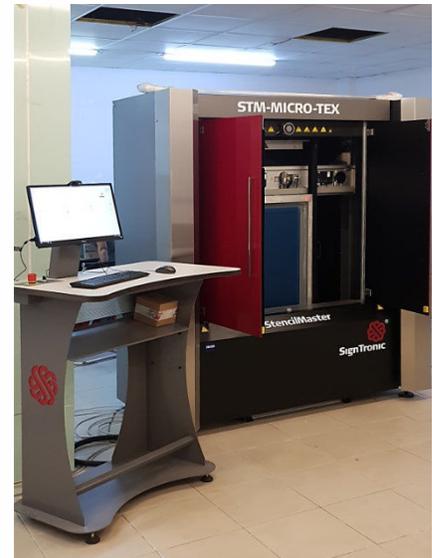
product solution

# SignTronic StencilMaster® STM-MICRO Series

## PRODUCT IMAGES



SignTronic StencilMaster® STM-MICRO Series with Desk



SignTronic StencilMaster® STM-MICRO Series in use alongside Grünig Washing System