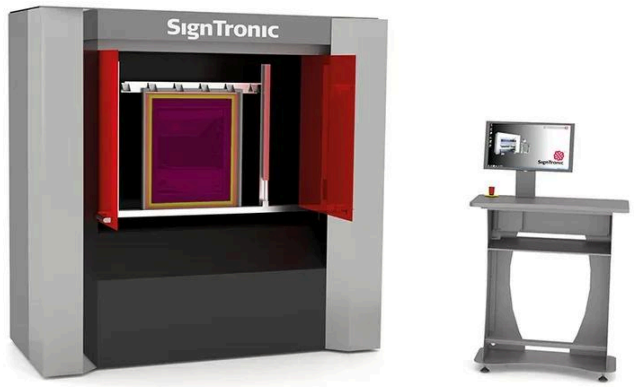
SIGNTRONIC · SWITZERLAND

SIGNTRONIC STM-MICRO

PRE-PRESS / COMPUTER-TO-SCREEN



OVERVIEW

Compact solution for small formats with optimized handling and high imaging quality.

BRAND	SignTronic
COUNTRY	Switzerland
MODEL	STM-MICRO
SERIES	StencilMaster (Generation 4)
CATEGORY	Pre-press
TYPE	Computer-to-screen

01 SPECIFICATIONS

Max. screen format (H x W)	900 x 900 mm (S) / 1200 x 900 mm (L)
Max. exposure format (H x W)	800 x 740 mm (S), 1100 x 740 mm (L)
Resolution	1270 dpi, 1609 dpi (HR1), 2400 dpi (HR2), 3040 dpi (HR3)
Loading	Front loading (front loader design)
Dimensions (H x W x D)	S: 1830 x 1865 x 920 mm; L: 2130 x 1865 x 920 mm
Net weight	S: ca. 920 kg; L: ca. 950 kg
UV light source	LED_Q4 (Gen6), High power CPL 330 W or UV-LED DUO (385 nm / 405 nm)
LED_Q4 wavelengths	365 / 385 / 395 / 405 nm (MODULAR CtS CONCEPT table)
Imaging technology	DMD (Digital Micro-mirror Device) with ZEISS optics; OECU (Optical Engine Control Unit)
Software	STPrint V.4 (in-house user software); RIP: SignTronic ST.Rip
Required data format	1-bit TIFF
Data interface	Ethernet 1-Gbit
Operating system	Windows 11
Power consumption	~1100 W
Power supply	208-240 VAC / 50 - 60 Hz / 16A
Compressed air	6 bar (87 psi); max. 50 l/min; quality ISO 8573-1 4.4.4
Room conditions	Yellow light, dust free, vibration-free floor; 18 - 24 C; 25 - 75 % rH; floor load 500 kg/m2
Options	RICB (Remote Image Control Board); Masterframe M (reception unit for various smaller screens); higher resolutions HR1/HR2/HR3
Option Z	Additional frame fixation for small screens

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.

02 FEATURES

- MODULAR CtS CONCEPT / Generation 4 Technology
- Optimal handling thanks to front loader design
- High-quality exposure head with a guaranteed resolution of 1270, 1690, 2400 or 3040 dpi
- UV light sources based on the MODULAR CtS CONCEPT: LED_Q4, CPL lamp or LED DUO guarantee perfect exposure for almost all meshes and emulsions
- One hundred percent precision for the image positioning on the screen, thanks to laser recording
- Rugged and high-quality construction

03 APPLICATIONS

Small formats | Small screens (masterframe m option for several smaller screens)

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PRODUCT PAGE

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