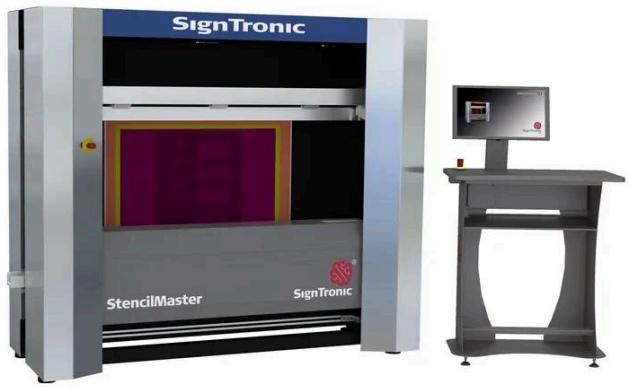
SIGNTRONIC · SWITZERLAND

SIGNTRONIC STM-TEX-SERIES

PRE-PRESS / COMPUTER-TO-SCREEN



OVERVIEW

CtS systems for textile applications in multiple machine sizes and formats.

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

01 SPECIFICATIONS

Max. screen format (H x W)	1200 x 1250 mm (S) / 1200 x 1600 mm (L) / 1500 x 2000 mm (XL)
Max. exposure format (H x W)	1050 x 1040 mm (S) / 1050 x 1600 mm (L) / 1350 x 1600 mm (XL)
Resolution	1270 dpi or 1609 dpi (HR1)
Imaging speed	Exposure speed: up to 650 mm/sec.
Loading	Automatic positioning; loaded and unloaded from both sides
Dimensions (H x W x D)	S: 2035 x 2400 x 985 mm; L: 2035 x 3040 x 985 mm; XL: 2324 x 3040 x 985 mm
Net weight	S: ca. 1350 kg; L: ca. 1480 kg; XL: ca. 1620 kg
IN-LINE capability	Designed for future upgrading from stand-alone into a fully automated IN-LINE (modular) system
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; Resolution 1609 dpi (HR1)

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
- Exposure speed: up to 650 mm/sec
- High-quality exposure head with a guaranteed resolution of 1270 dpi or 1609 dpi (HR1)
- 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
- Designed for future upgrading from a stand-alone CtS exposure system into a fully automated IN-LINE overall (modular) system

03 APPLICATIONS

Textile screen printing | Textile screens in multiple sizes

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