SIGNTRONIC · SWITZERLAND

SIGNTRONIC STM-TEC

PRE-PRESS / COMPUTER-TO-SCREEN



OVERVIEW

High-performance CtS system for technical applications with high imaging speed.

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

01 SPECIFICATIONS

Max. screen format (H x W)	1200 x 900 mm (XS) / 1200 x 1250 mm (S)
Max. exposure format (H x W)	1050 x 740 mm (XS), 1050 x 1040 mm (S)
Resolution	1270 dpi, 1609 dpi (HR1), 2400 dpi (HR2), 3040 dpi (HR3)
Imaging speed	Exposure speed: up to 650 mm/sec.
Loading	Automatic positioning; loaded and unloaded from both sides
Dimensions (H x W x D)	XS: 2035 x 2000 x 985 mm; S: 2035 x 2400 x 985 mm
Net weight	XS: ca. 1250 kg; S: ca. 1350 kg
IN-LINE capability	Modular extension with Grünig-SignTronic IN-LINE equipment (magazines, developing, coating, air blower, drying)
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

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

Options	RICB (Remote Image Control Board); Masterframe M (reception unit for various smaller screens); higher resolutions HR1/HR2/HR3

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, 1609, 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

Technical / industrial applications | High imaging speed

SUPPLIED IN INDIA BY SUNSTAR GRAPHICS

Installation, operator training, spares and service from Mumbai.

Send your material, print size and volume per hour for a quotation in rupees.

+91 98203 61705 · SALES@SUNSTARGRAPHICS.COM

PRODUCT PAGE

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