

DATASHEET

STCS

evo500TS



> Media for this machine

Reference of the product
14-01-0024

Technology
 Infrared

The STCS-evo500TS is a heat shrink system, based on infrared technology.

It's designed for workbench applications and can process one part at a time.

The system is based on a touchscreen display and offers network capability.

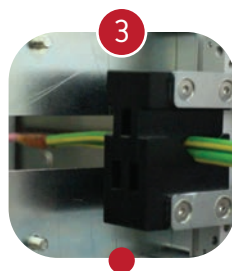
By adding optional tools, besides normal splices, the STCS-evo500TS can work on end splices, ring terminals and other special applications.



1
New and improved interface based on Touchscreen technology



2
Several new generation communication features as Ethernet, USB, HDMI, to connect external displays, WI-FI, etc.



3
Optional SDD (Splice Diameter Detection System)



4
Compact machine for space optimization

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F] 250-550 / 482-1022

SHRINKING TIME

Min - Max [s] 1-100

MEASUREMENTS

Width; Length; Height 293; 496; 255 [mm]
11.5; 19.5; 10 [in]

Weight [kg] / [lbs] 16.5 / 36.4

POWER SUPPLY/CONSUMPTION

Supply 230 [V] @ 50Hz

Consumption 250 [mA] to 3 [A] (Max.700W)

PNEUMATIC

Supply Quick Hold Socket Ø8 [mm]

Supply Pressure Min: 5bar; Max: 8bar; Rec: 6bar

CONNECTIONS

Barcode Reader USB

Temperature Sensor Type K Thermocouple

Power Line 1 IEC Standard Male Socket

Programming Touchscreen, Barcode Reader, External Device

Interface Touchscreen, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber [mm] / [in] 77xØ32 / 3xØ1.3

Min-Max Tube Ø [mm] / [in] 0-20 / 0-0.8

Min-Max Tube Length [mm] / [in] 0-75 / 0-3

Min-Max Cable Ø [mm] / [in] 0-20 / 0-0.8

Min-Max Cable Length [mm] / [in] 230-∞ / 9.1-∞

CALIBRATION

Calibration Probe ref.: 06-01-0158

Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 mode with pre-programmed references (999 in total);
- Additional operating mode (M3) for splice diameter detection (SDD System) and automatic parameters setting;
- The pre-programming of references can be done manually, using a PC with STCS-RCT software (reads Excel™ files) or using a USB stick;
- The selection of references can be done automatically using a barcode reader or manually on the Touchscreen;
- Easy firmware upgrade using a USB stick;
- Use of labels for each shrinking time inside a reference;
- Cooling system;
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Equipped with the external temperature probe connection for temperature reading and offset adjustment;
- Automatic cool down cycle to extend the lifecycle of components;
- Partial and global cycle counter;
- Working time counter;
- Communication with ultrasonic welding machines;
- Network communication;
- HDMI port to mirror the system's display;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

Options



- **End splice tool**
Ref: 26-23-0010

- **CAN tool (end splice)**
Ref: 26-23-0013

- **CAN tool (normal splice)**
Ref: 26-23-0014

- **Ring terminal tool**
Ref: 26-23-0021

- **SDD system**
Ref: 06-01-0230

- **Cooling system**
Ref: 06-01-0229

- **HDMI port**
Ref: 06-01-0233