

DATASHEET

STCS

evo500

The STCS-evo500 is a machine for processing heat shrink tubes, based on infrared resistors.

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

It has built-in communication with ultrasonic welding machines and several operating modes.

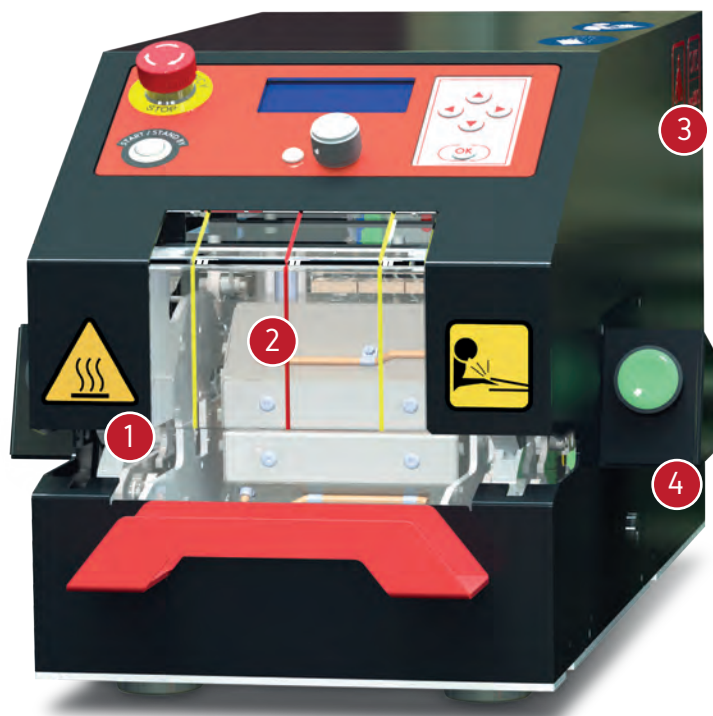
It can be supplied with end splice tool with cooling that doesn't have to be removed when working with normal splices.



Reference of the product
14-01-0016

Technology
 Infrared

> Media for this machine



Holding system that preserves the integrity of the cable, ensuring it does not move during the entire process



Quartz infrared oven that allows higher temperatures



External connection for communication with ultrasonic welding machines



Built-in air treatment unit that provides steady regulation and increases lifetime of pneumatic components

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F] 300-550 / 572-1022

SHRINKING TIME

Min - Max [s] 1-99

MEASUREMENTS

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

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 RS232

Temperature Sensor Type K Thermocouple

Power Line 1 IEC C14 Socket

Programming Membrane Keyboard, Barcode Reader, External Device

Interface LCD 16x2, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber [mm] / [in] 77; Ø32 / 3; Ø1.3

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 with pre-programmed references (100 in total, each having from 1 to 40 shrinking times);
- The pre-programming of references can be done manually or using a PC with STCS-RCT software;
- The selection of references can be done automatically using a barcode reader or manually using either the rotating knob or the keyboard;
- Use of labels for each shrinking time inside a reference;
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Cycle and time counter;
- Communication with ultrasonic welding machines;
- Air fault detection;
- Larger fan that reduces the machine's body temperature;
- 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

- Ring terminal tool
Ref: 26-23-0021

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

- Cooling system
Ref: 06-01-0132