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.

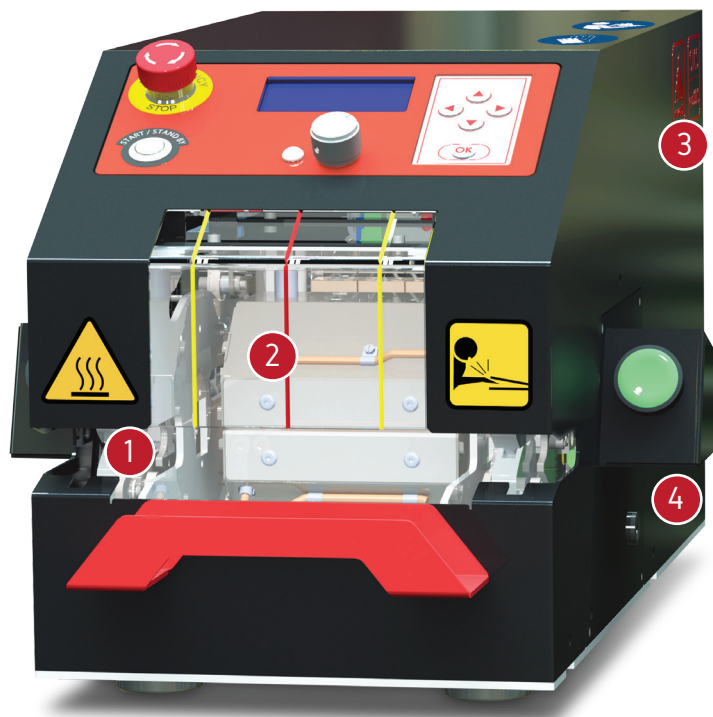It has built-in communication with ultrasonic welding machines and several operating modes.

It can be supplied with end splice tool with cooling that doesn't have to be removed when working with normal splices.
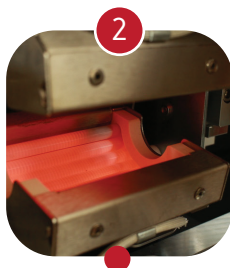
Reference of the product
14-01-0016

Technology
〰 Infrared

> Media for this machine

1
Holding system that preserves the integrity of the cable, ensuring its immovability during the entire process

2
Quartz infrared oven that allows higher temperatures

3
External connection for communication with ultrasonic welding machines, barcode reader or PC programming using Excel™ files

4
Built-in air treatment unit that provides steady regulation and increase life time of pneumatic components

Technical Data

WORKING TEMPERATURE

Minimum	300 [ºC]
Maximum	550 [ºC]

DIMENSIONS

Length	496 [mm]
Width	293 [mm]
Height	255 [mm]
Weight	16,5 [kg]

POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	250 [mA] to 3 [A] (Max.700W)

CONNECTIONS

Compressed Air	Quick Hold Socket – Ø8 [mm]
Air Pressure	Min. 5 bar; Max. 8 bar; Rec. 6 bar
Electrical Grid	1 IEC Standard Male Socket (Detachable Power Supply Cord)

Barcode Reader	DB9 Male
Programming	Membrane Keyboard, Barcode Reader, External Device
Interface	LCD 16x2, Buzzer and LED

SHRINKING CHAMBER

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Shrinking Chamber	Ø32 x 77 [mm]
Cable Length [Min]	230 [mm]
Shrinking Tube Diameter [Max]	210 [mm]
Shrinking Tube Length [Max]	75 [mm]

CALIBRATION

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Calibration Probe	ref.: 06-01-0158

Features

- Adjustable parameters: process temperature, shrinking time, etc;

- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode 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 (reads Excel™ files);

- 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 and information about additional glue for each shrinking time inside a reference;

- Manual and automatic calibration (single cycle);

- Programming mode password protected;

- Special maintenance mode;

- Cycle and time counter;

- Communication with ultrasonic welding machines;

- Air fault detection;

- Interchangeable system language, including: English, Portuguese, French and Spanish (others on demand);

- Easier maintenance: individual covers to access components;

- Larger fan that reduces the machine's body temperature.
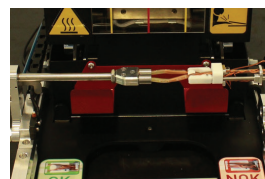
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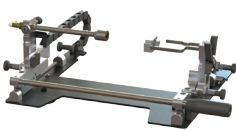
- End splice tool
  Ref: 26-23-0010
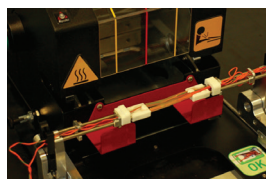
- CAN tool
  (normal splice)
  Ref: 26-23-0014

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

- Ring terminal tool
  Ref: 26-23-0021

- Cooling system
  Ref: 06-01-0132