

DATASHEET

STCS

evo500



> Media for this machine

Reference of the product

14-01-0016

Technology

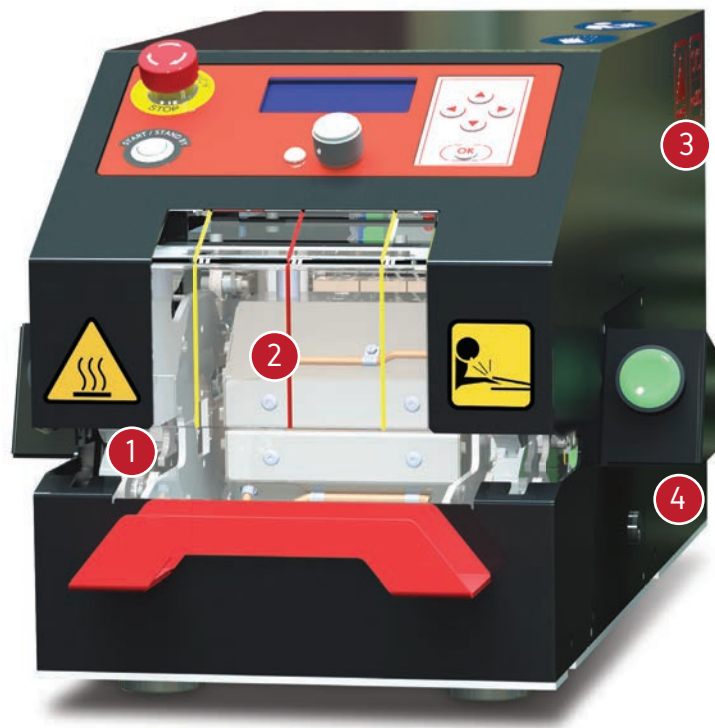
 Infrared

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.



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



Quartz infrared oven that allows higher temperatures



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



Built-in air treatment unit that provides steady regulation and increase life time 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	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	RS232
----------------	-------

Temperature Sensor	Type K Thermocouple
--------------------	---------------------

Power Line	1 IEC Standard Male Socket
------------	----------------------------

Programming	Membrane Keyboard, Barcode Reader, External Device
-------------	--

Interface	LCD 16x2, 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 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.

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