

DATASHEET

STCS

RCM



> Media for this machine

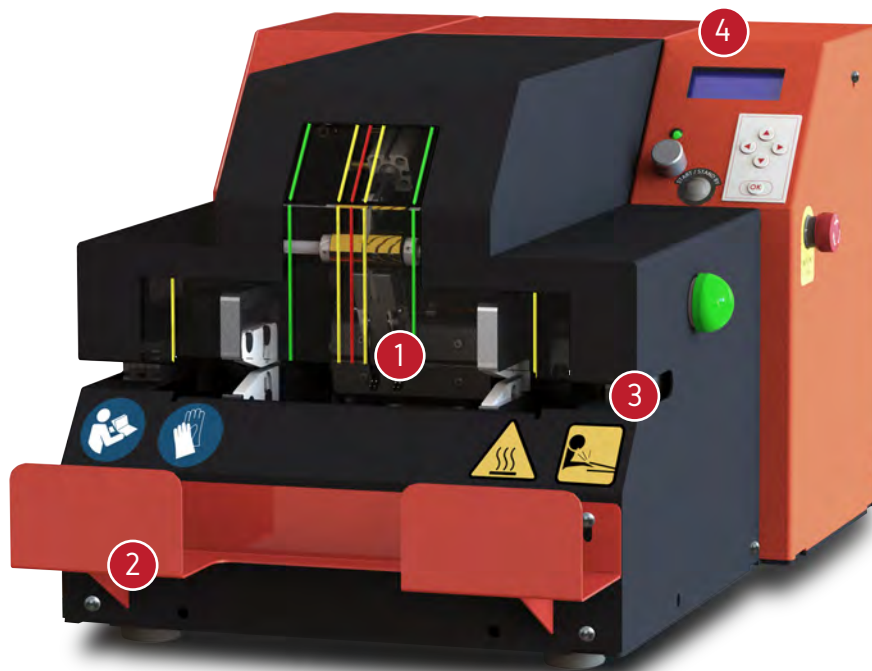
Reference of the product
14-01-0011

Technology
 Infrared

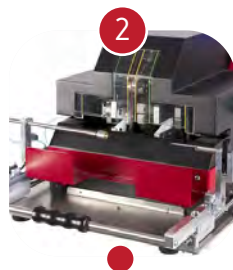
The STCS-RCM is a machine for processing heat shrink tubes, based on infrared resistors with inbuilt automatic heat shrink tube centering system. It's designed for workbench applications and can process one part at a time.

Built-in communication system with ultrasonic welding machines and several operating modes.

The centering feature ensure the automatic centering of the shrink tube in the middle of the splice (welded zone), in order to avoid mispositioned tubes.



Built-in centering system that ensures that the shrink tube is always in the middle of the splice



Can be equipped with an end splice tool with cooling that doesn't have to be removed to work with normal splices



Possibility of working with centering system or in normal mode



The pre-programming of references can be done manually or using a PC with STCS-RCT software

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] 400; 623; 330 /
15.7; 24.5; 13

Weight [kg] / [lbs] 37.5 / 82.7

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: 4bar; Max: 7bar; 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 16x4, Buzzer and LED

SHRINKING CHAMBER

CENTERING

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 45-75 / 1.8-3

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

Min-Max Cable Length [mm]/[in] 360-∞ / 14.2-∞ -

Splice Detection Length [mm]/[in] 13 & 18 / 0.5 & 0.7 -

CALIBRATION

Calibration Probe ref.: 06-01-0286

Features

- Adjustable parameters: process temperature, shrinking time, etc.;
- Two working modes: automatic centering and normal mode;
- 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;
- Manual and automatic calibration;
- Use of labels for each shrinking time inside a reference, to help the selection of the assembly;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Automatic cool down cycle to extend the lifetime of components;
- Cycle and time counter;
- Communication with ultrasonic welding machines;
- Air fault detection;
- Built-in cooling system;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

Options



- **End splice tool**
Ref: 06-01-0071



- **Cooling system**
Ref: 06-01-0133