

DATASHEET

STCS

RCM



> Media for this machine

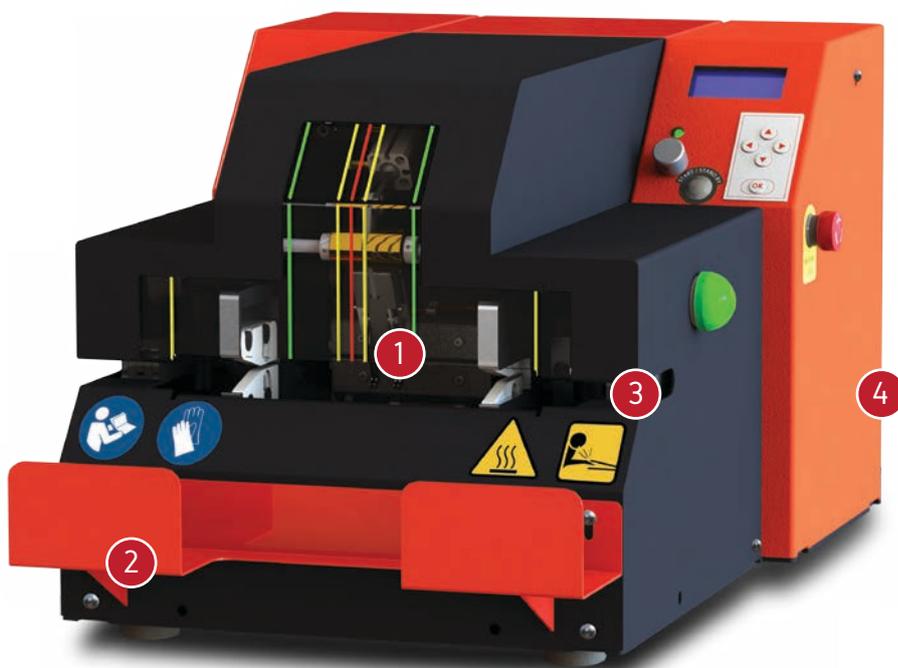
Reference of the product
14-01-0011

Technology
 Infrared

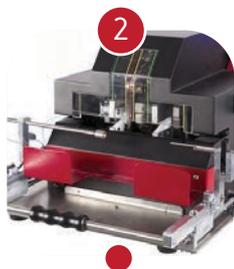
The STCS-RCM is a machine for processing heat shrink tubes, based on infrared resistors with inbuilt automatic heat shrink tube centering system. It's designed for workbench applications and can process one part at a time.

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 area



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 (reads Excel™ files)



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Technical Data

WORKING TEMPERATURE

Minimum 300 [°C]

Maximum 550 [°C]

DIMENSIONS

Length 665 [mm]

Width 380 [mm]

Height 360 [mm]

Weight 37,5 [kg]

POWER SUPPLY/CONSUMPTION

Supply 230 [V] @ 50Hz

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

CONNECTIONS

Compressed Air Quick Hold Socket, Ø 8 mm

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

Electrical Grid 1 IEC Standard Male Socket (Detachable Power Supply Cord)

Barcode Reader DB9 Male

Programming Membrane Keyboard, Barcode Reader, External Device

Interface LCD 16x4, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber Ø 32 x 77 [mm]

Electrode Width (Min. Copper Area/Welded zone) 13 [mm] 18 [mm]

Cable Length [Min] 360 [mm]

Shrinking Tube Diameter [Max] 20 [mm]

Shrinking Tube Length [Max] 75 [mm]

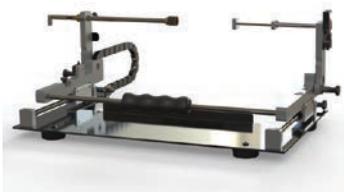
CALIBRATION

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 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 for each shrinking time inside a reference, to help the selection of the assembly;
- Manual and automatic calibration (single cycle);
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- 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