

DATASHEET

STCS RT/RTTS



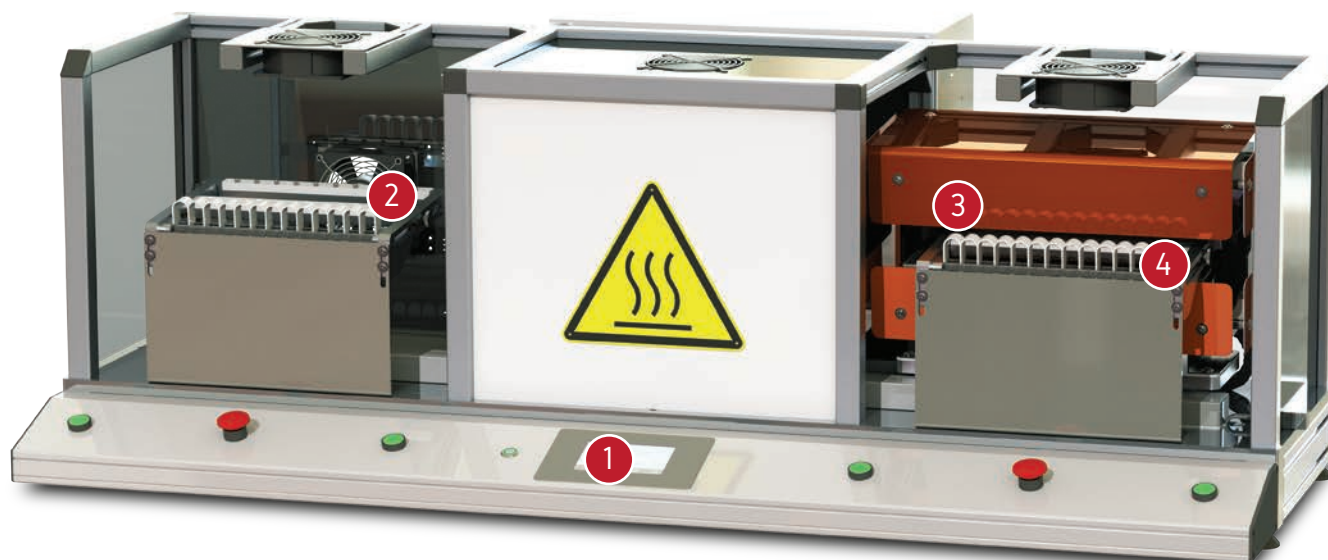
> Media for this machine

Reference of the product
14-01-0008

Technology
 Infrared

The STCS-RT/RTTS is a machine for processing heat shrink tubes, based on infrared resistors. It's designed for workbench applications and can process several parts at the same time.

The system has two independent workstations (with independent shrinking parameters) and a movable oven. Each workstation is provided with support for tooling fixtures that can be used on a variety of small components, such as ring terminals and small connectors.



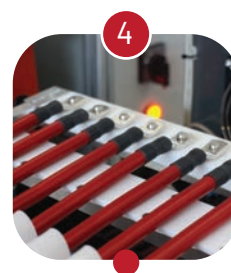
Two completely independent workstations with separate parameters



Each workstation can perform, in average, 10 assemblies simultaneously



Fully automated oven movement



Easily replaceable jigs (less than 5 seconds to swap)

Technical Data

WORKING TEMPERATURE

Minimum	400 [°C]
Maximum	550 [°C]

DIMENSIONS

Length	1500 [mm]
Width	780 [mm]
Height	525 [mm]
Weight	123 [kg]

POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	500 [mA] to 16 [A] (Max.3600W)

CONNECTIONS

Barcode Reader	DB9 Male
Temperature Sensor	Type K Thermocouple
Power Line	1 IEC Socket
Programming	Touchscreen, Barcode Reader and External Device
Interface	Touchscreen, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber	275x95 [mm]
Shrinking Tube Diameter [Max]	30 [mm]
Shrinking Tube Length [Max]	90 [mm]

CALIBRATION

Calibration Probe	ref.: 06-01-0280
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Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two independent workstations with independent parameters (shrinking time);
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references, 100 in total;
- The pre-programming of references can be done manually or using a PC with STCS-RCT software (reads Excel™ files);
- Use of labels for each shrinking time inside a reference, to help the selection of the assembly;
- Tool fixtures with adjustable stopper to ensure the shrink tube's position;
- Easily replaceable jigs;
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- External temperature probe connection for temperature reading and offset adjustment;
- Automatic cool-down cycle to extend the life of components;
- Partial and global cycle counter;
- Working time counter;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

Options



- Custom jigs (pair)
Ref: 06-01-0058