

DATASHEET

STCS

RT/RTTS



Reference of the product
14-01-0008

Technology
 Infrared

> Media for this machine

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.



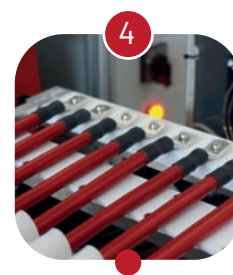
Two completely independent workstations with separate parameters



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

Min - Max [°C] / [°F]	400-550 / 752-1022
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SHRINKING TIME

Min - Max [s]	1-120
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MEASUREMENTS

Width; Length; Height	760; 1500; 633 [mm]
	29.9; 59.1; 24.9 [in]

Weight [kg] / [lbs]	123 / 271,2
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POWER SUPPLY/CONSUMPTION

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

Supply	-
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Supply Pressure	-
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CONNECTIONS

Barcode Reader	RS232 / USB
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Temperature Sensor	Type K Thermocouple
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Power Line	1 IEC Standard Male Socket
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Programming	Touchscreen, Barcode Reader and External Device
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Interface	Touchscreen, Buzzer and LED
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SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	95x275x50 / 3,7x10.8x3
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Min-Max Tube Ø [mm] / [in]	0 - 30 / 0 - 1.2
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Min-Max Tube Length [mm] / [in]	0 - 90 / 0 - 0.35
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Min-Max Cable Ø [mm] / [in]	0 - 30 / 0 - 1.2
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Min-Max Cable Length [mm] / [in]	-
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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