

DATASHEET

STCS CST



> Media for this machine

Reference of the product

14-01-0049

Technology

 Infrared

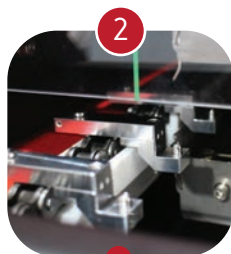
The STCS-CST is a heat shrink system designed as a short conveyor to process end splices, connectors and terminal applications in a fast and continuous manner.

Equipped with an inner oven heat shrink tube stopper to guarantee its position on the assembly.

Optionally, the system may be equipped with a side transporter to help the routing of big and heavy assemblies during the shrinking process.



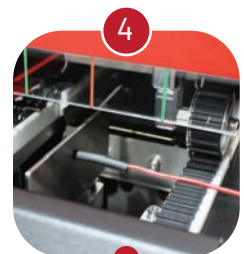
Optional side transporter to help the routing of heavier assemblies during the shrinking process



Customizable attachable jigs for special applications



Adjustable heat shrink tube stopper to guarantee the correct position of the insulator



Specially developed to process faston terminals

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F]	300-600 / 572-1112
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SHRINKING TIME

Min - Max [s]	1-100
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MEASUREMENTS

Width; Length; Height	551; 898; 398 [mm] 21,7; 35,4; 15,7 [in]
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Weight [kg] / [lbs]	65 / 143,3
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POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
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Consumption	500 [mA] to 9 [A] (Max.2000W)
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PNEUMATIC

Supply	-
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Supply Pressure	-
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CONNECTIONS

Barcode Reader	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
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Interface	Touchscreen, Buzzer and LED
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SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	220x95x50 / 8,7x3,7x1,9
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Min-Max Tube Ø [mm] / [in]	0-20 / 0-0,8
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Min-Max Tube Length [mm] / [in]	0-90 / 0-3,5
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Min-Max Cable Ø [mm] / [in]	0-20 / 0-0,8
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Min-Max Cable Length [mm] / [in]	140-∞ / 5,5-∞
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CALIBRATION

Calibration Probe	ref.: 26-47-0002
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Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 mode with pre-programmed references (999 in total);
- The pre-programming of references can be made manually, using a PC with STCS-RCT software (reads Excel™ files) or using a USB stick;
- The selection of references can be done automatically using a barcode reader or manually on the touchscreen;
- Easy firmware upgrade using a USB stick;
- Capable of processing faston terminals, assuring the position of the heat shrink tube;
- Manual and automatic calibration;
- User login;
- Adjustable heat shrink tube stopper to guarantee the correct position of the insulator;
- Optional side transporter to help the routing of heavier assemblies during the shrinking process;
- Special maintenance mode for hardware debug;
- Equipped with the external temperature probe connection for temperature reading and offset adjustment;
- Automatic cool down cycle to extend the lifecycle of components;
- Partial and global cycle counter;
- Working time counter;
- Communication with ultrasonic welding machines;
- Network communication;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

Options



- Side transporter
Ref: 27-38-0001



- Attachable jigs kit
Ref: 27-38-0002



- Single attachable jig
Ref: 27-38-0003