

DATASHEET

STCS

B

The STCS-B is a machine for processing heat shrink tubes, based on hot air devices. It's designed for workbench applications and can process one part at a time.

The system is made by a control module for parameter's definition and a hot air tool for the shrinking operation.

It is supplied with a standard shrinking chamber of 15x50mm, which can be customized.



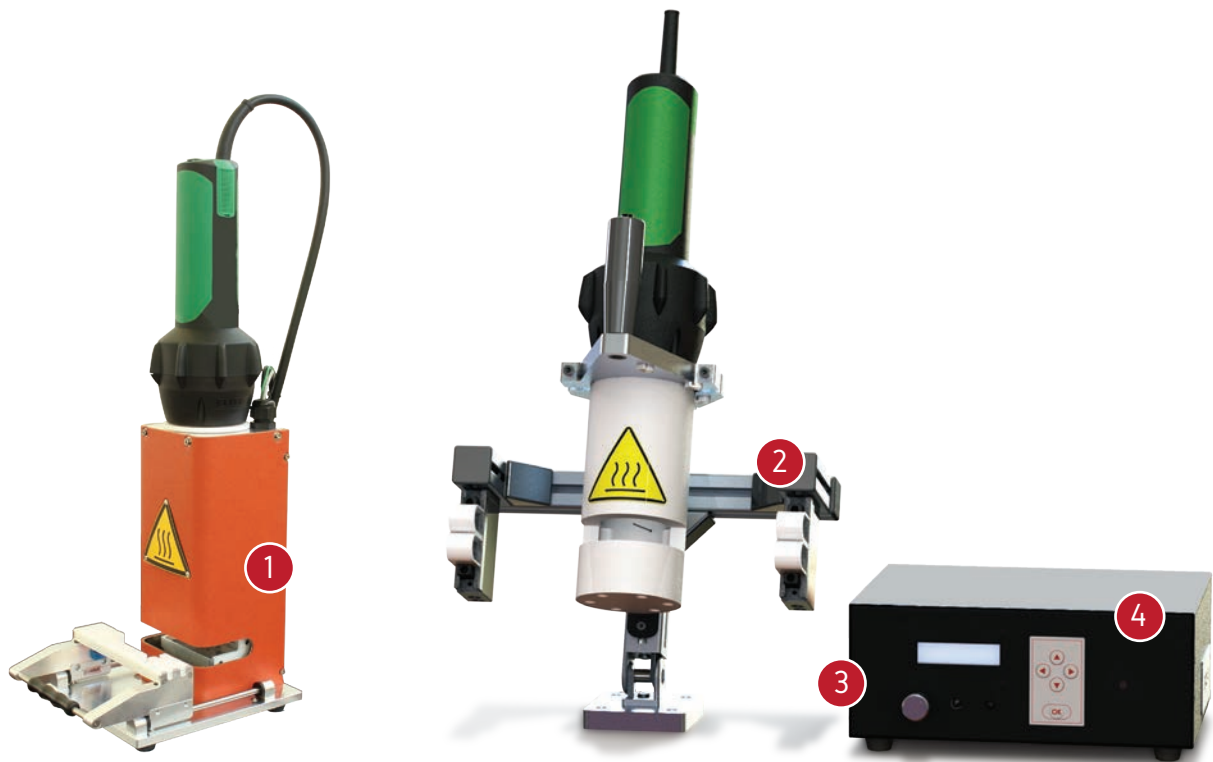
Reference of the product

14-01-0003

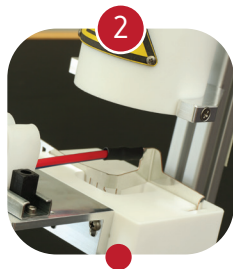
Technology

☑ Hot Air

> Media for this machine



Can be supplied with custom shrinking chambers, designed to specific applications



Can be supplied with customized clamps with automatic holding system and/or cooling system



Use of references or sequences, that can be selected manually or using barcode readers



Lightweight control module, low cost, simple and low maintenance solution for heat shrink applications that require the control of parameters

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F]	150-350 / 302-662
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SHRINKING TIME

Min - Max [s]	1-999
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MEASUREMENTS

Width; Length; Height	290; 255; 530 [mm] 11,4; 10; 20,9 [in]
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Weight [kg] / [lbs]	3.2 / 7.1
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POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
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Consumption	50 [mA] to 15 [A] (Max.3400W)
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PNEUMATIC

Supply	-
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Supply Pressure	-
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CONNECTIONS

Barcode Reader	RS232
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Temperature Sensor	Type K Thermocouple
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Power Line	2 IEC Socket
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Programming	Membrane Keyboard
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Interface	LCD 16x2, Buzzer and LED
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SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	50; Ø15 / 2; Ø0.6
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Min-Max Tube Ø [mm] / [in]	0-15 / 0-0.6
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Min-Max Tube Length [mm] / [in]	0-50 / 0-2
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Min-Max Cable Ø [mm] / [in]	0-15 / 0-0.6
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Min-Max Cable Length [mm] / [in]	140-∞ / 5.5-∞
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CALIBRATION

Calibration Probe	ref.: 05-22-0011
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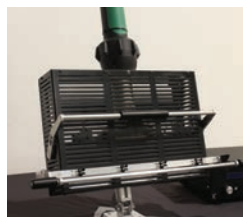
Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references;
- Additional mode with references usage (group of shrinking in sequence - 100 in total);
- 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;
- Manual calibration;
- Programming mode password protected;
- Cycle counter;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

Options



• End splice tool
Ref: 27-01-0002



• Custom shrinking chamber
Ref: 26-01-0001



• Cooling system
Ref: 06-01-0137