

# 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.

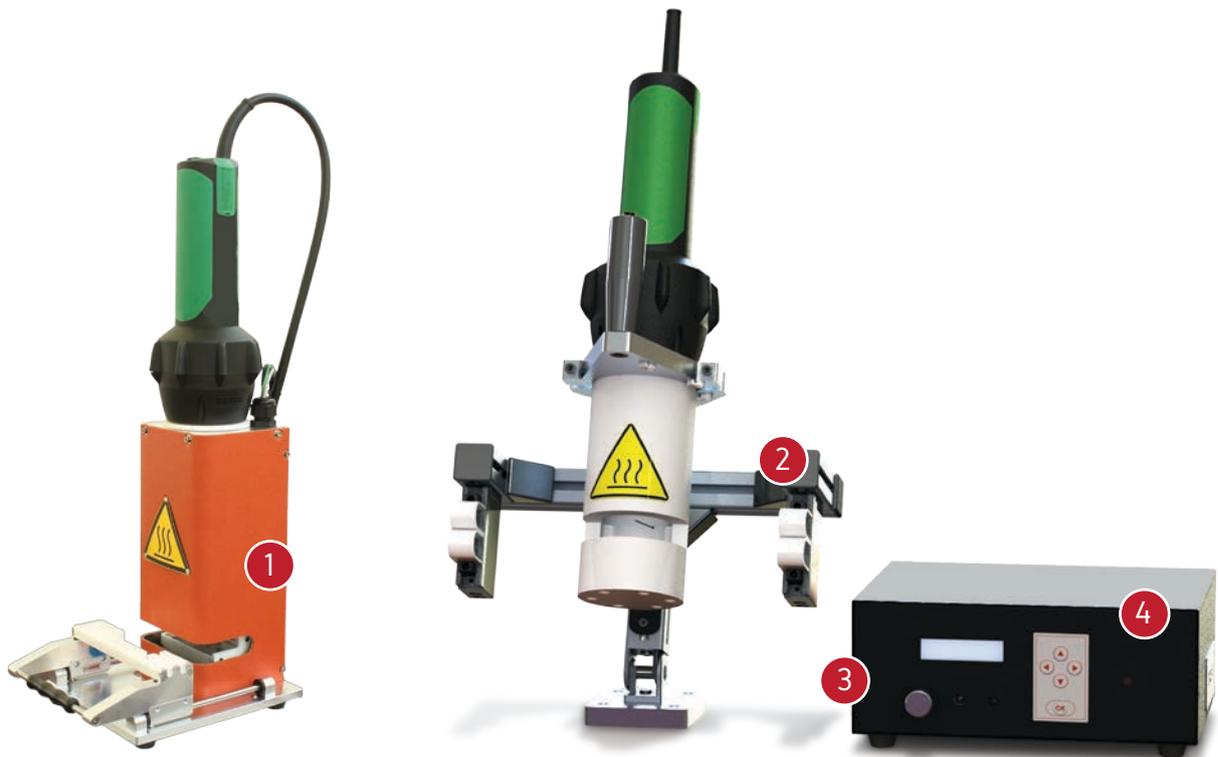
The system is made by a control module for parameter's definition and a hot air tool for the shrinking operation.

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



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## Technical Data

### WORKING TEMPERATURE

Minimum	150 [°C]
Maximum	350 [°C] (Due to material limitations, it's recommended to work below 280°C)

### DIMENSIONS - HOT AIR DEVICE

Length	255 [mm]
Width	290 [mm]
Height	530 [mm]
Weight	3,2 [kg]

### DIMENSIONS - CONTROL MODULE

Length	252 [mm]
Width	225 [mm]
Height	112 [mm]
Weight	2,6 [kg]

### POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 60Hz
Consumption	50 mA to 15 A (Max.3400W)

### CONNECTIONS

Barcode Reader	DB9 Male
Temperature Sensor	Type K Thermocouple
Power Line and Hot Air	2 IEC Sockets
Programming	Membrane Keyboard
Interface	LCD 16x2, Buzzer and LED

### SHRINKING CHAMBER

Shrinking Chamber	15 x 50 [mm] or by request
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### CALIBRATION

Calibration Probe	ref.: 05-22-0011
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## Features

- Adjustable parameters: process temperature, shrinking time, waiting time, etc;
- Two different operating modes: intermittent and pre-heating, to perform independent shrinking operations;
- Additional mode with references usage (group of shrinking and waiting times performed 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