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.
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

**CALIBRATION**
- Calibration Probe: ref.: 05-22-0011

**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