The STCS-VM is a machine for processing heat shrink tubes, based on hot air devices. It's designed for workbench applications and can process several parts at the same time.

The same machine can be used on several applications, since it's equipped with a fast exchangeable shrinking chamber system.

The chambers are designed in accordance with the application specifications, making them ideal for those where the assurance of the heat shrink tube position is mandatory.
**Technical Data**

**WORKING TEMPERATURE**
- Minimum: 150 [°C]
- Maximum: 350 [°C] (Due to material limitations, it’s recommended to work below 280 °C)

**DIMENSIONS**
- Length: 315 [mm]
- Width: 375 [mm]
- Height: 600 [mm]
- Weight: 25 [kg]

**POWER SUPPLY/CONSUMPTION**
- Supply: 230 [V] @ 50Hz
- Consumption: 50 mA to 15 A (Max. 3400W)

**CONNECTIONS**
- Barcode Reader: DB9 Male
- Temperature Sensor: Type K Thermocouple
- Power Line: 1 IEC Socket
- Programming: Membrane Keyboard
- Interface: LCD 16x2, Buzzer and LED

**SHRINKING CHAMBER**
- Shrink Chamber [Max]: 100x100x27 [mm]
- Shrink Tube Diameter [Max]: 20 [mm]

**CALIBRATION**
- Calibration Probe: ref.: 05-10-0008

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**Features**

- Adjustable parameters: process temperature, shrinking time, etc;
- Easy and fast replaceable shrinking chamber, locked by key;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references (each reference can have from 1 to 20 shrinking times);
- 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;
- Can be supplied with a chamber detection system to automatically select the reference and adjust the parameters for a given chamber;
- Use of labels for each shrinking time inside a reference;
- Manual calibration;
- Programming and maintenance mode password protected;
- Special maintenance mode for hardware debug;
- Cycle counter;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

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**Options**

- **Custom shrinking chamber**
  Ref: 06-01-0056
- **Cooling System**
  Ref: 06-01-0086
- **Chamber detection system**
  Ref: 06-01-0128