The STCS-VMir is a heat shrink system, based on infrared technology. 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 according with the application specifications, making them ideal for special applications.

The STCS-VMir+ has a bigger work area and bigger shrinking chamber (225x100mm).
## Technical Data

### Working Temperature

| Min - Max [ºC] / [ºF] | 250-500 / 482-932 |

### Shrinking Time

| Min - Max [s] | 1-100 |

### Measurements

| Width; Length; Height | 560; 490; 400 / 22; 19.3; 15.7 |
| Weight [kg] / [lbs] | 32 / 70.5 |

### Power Supply/Consumption

Supply: 230 [V] @ 50Hz

Consumption: 500 [mA] to 7 [A] (Max.2000W)

### Pneumatic

Supply: Quick Hold Socket Ø8 [mm]

Supply Pressure: Min: 5bar; Max: 7bar; Rec: 6bar

### Calibration

Calibration Probe: ref.: 06-01-0277

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## Connections

| Barcode Reader | USB |
| Temperature Sensor | Type K Thermocouple |
| Power Line | 1 IEC Standard Male Socket |
| Programming | Touchscreen |
| Interface | Touchscreen, Buzzer and LED |

### Shrinking Chamber

| Shrinking Chamber [mm] / [in] | 120 x 120 x 57 / 4.7 x 4.7 x 2.2 |
| Min-Max Tube Ø [mm] / [in] | 0-45 / 0-1.8 |
| Min-Max Tube Length [mm] / [in] | 0-120 / 0-4.7 |
| Min-Max Cable Ø [mm] / [in] | 0-45 / 0-1.8 |
| Min-Max Cable Length [mm] / [in] | - |

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## Features

- Adjustable parameters: process temperature, shrinking time, cooling time etc;
- Easy and fast replaceable shrinking chamber;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 mode with pre-programmed references [999 in total];
- Pre-programming of references using a PC with STCS-RCT software (reads Excel® files) or a USB stick;
- Automatic selection of references using a barcode reader or manually on the Touchscreen;
- Easy firmware upgrade using a USB stick;
- Use of labels for each shrinking time inside a reference;
- Built-in cooling system;
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- External temperature probe connection for temperature reading and offset adjustment;
- Automatic cool down cycle to extend the life of components;
- Partial and global cycle counter;
- Communication with ultrasonic welding machines;
- Working time counter;
- Network communication;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

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## Options

- Custom shrinking chamber
  Ref: 06-01-0222

- Dual fixture
  Ref: 27-17-0005

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