

DATASHEET

STCS

VM



> Media for this machine

Reference of the product
14-01-0006

Technology
Hot Air

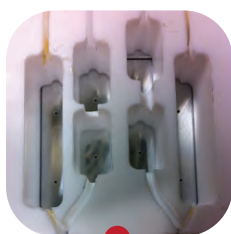
The STCS-VM is a machine for processing heat shrink tubes, based on hot air devices. It's designed for workbench applications and can process several parts at the same time.

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



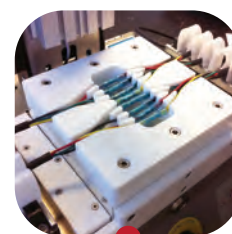
Fast changeable shrinking fixture



Optional cooling system



Fixtures designed in accordance with the application, ensuring a strict positioning of the shrink tube during the process



Can process several parts simultaneously

Technical Data

WORKING TEMPERATURE

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

SHRINKING TIME

| | |
|---------------|-------|
| Min - Max [s] | 1-999 |
|---------------|-------|

MEASUREMENTS

| | |
|--------------------------------------|-------------------------------------|
| Width; Length; Height [mm] / [in] | 375; 315; 600 / 14.8; 12.4; 23.6 |
|--------------------------------------|-------------------------------------|

| | |
|---------------------|-----------|
| Weight [kg] / [lbs] | 25 / 55.1 |
|---------------------|-----------|

POWER SUPPLY/CONSUMPTION

| | |
|--------|----------------|
| Supply | 230 [V] @ 50Hz |
|--------|----------------|

| | |
|-------------|-------------------------------|
| Consumption | 50 [mA] to 15 [A] (Max.3400W) |
|-------------|-------------------------------|

PNEUMATIC

| | |
|--------|---------------------------|
| Supply | Quick Hold Socket Ø8 [mm] |
|--------|---------------------------|

| | |
|-----------------|---------------------------------|
| Supply Pressure | Min: 4bar; Max: 6bar; Rec: 5bar |
|-----------------|---------------------------------|

CONNECTIONS

| | |
|----------------|-------|
| Barcode Reader | RS232 |
|----------------|-------|

| | |
|--------------------|---------------------|
| Temperature Sensor | Type K Thermocouple |
|--------------------|---------------------|

| | |
|------------|------------------|
| Power Line | 1 IEC C20 Socket |
|------------|------------------|

| | |
|-------------|-------------------|
| Programming | Membrane Keyboard |
|-------------|-------------------|

| | |
|-----------|--------------------------|
| Interface | LCD 16x2, Buzzer and LED |
|-----------|--------------------------|

SHRINKING CHAMBER

| | |
|-------------------------------|------------------------------|
| Shrinking Chamber [mm] / [in] | 100; 100; 27 / 3.9; 3.9; 1.1 |
|-------------------------------|------------------------------|

| | |
|----------------------------|--------------|
| Min-Max Tube Ø [mm] / [in] | 0-20 / 0-0.8 |
|----------------------------|--------------|

| | |
|---------------------------------|--------------|
| Min-Max Tube Length [mm] / [in] | 0-90 / 0-3.5 |
|---------------------------------|--------------|

| | |
|-----------------------------|--------------|
| Min-Max Cable Ø [mm] / [in] | 0-20 / 0-0.8 |
|-----------------------------|--------------|

| | |
|----------------------------------|---|
| Min-Max Cable Length [mm] / [in] | - |
|----------------------------------|---|

CALIBRATION

| | |
|-------------------|------------------|
| Calibration Probe | ref.: 05-10-0008 |
|-------------------|------------------|

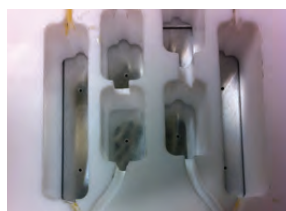
Features

- Adjustable parameters: process temperature, shrinking time, etc.;
- Easy and fast replaceable shrinking fixture, locked by key;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 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;
- 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).

Options



- **Custom shrinking fixture**
Ref: 06-01-0056



- **Cooling system**
Ref: 06-01-0086



- **Fixture detection system**
Ref: 06-01-0128