

# DATASHEET

# STCS

# VM



Reference of the product  
14-01-0006

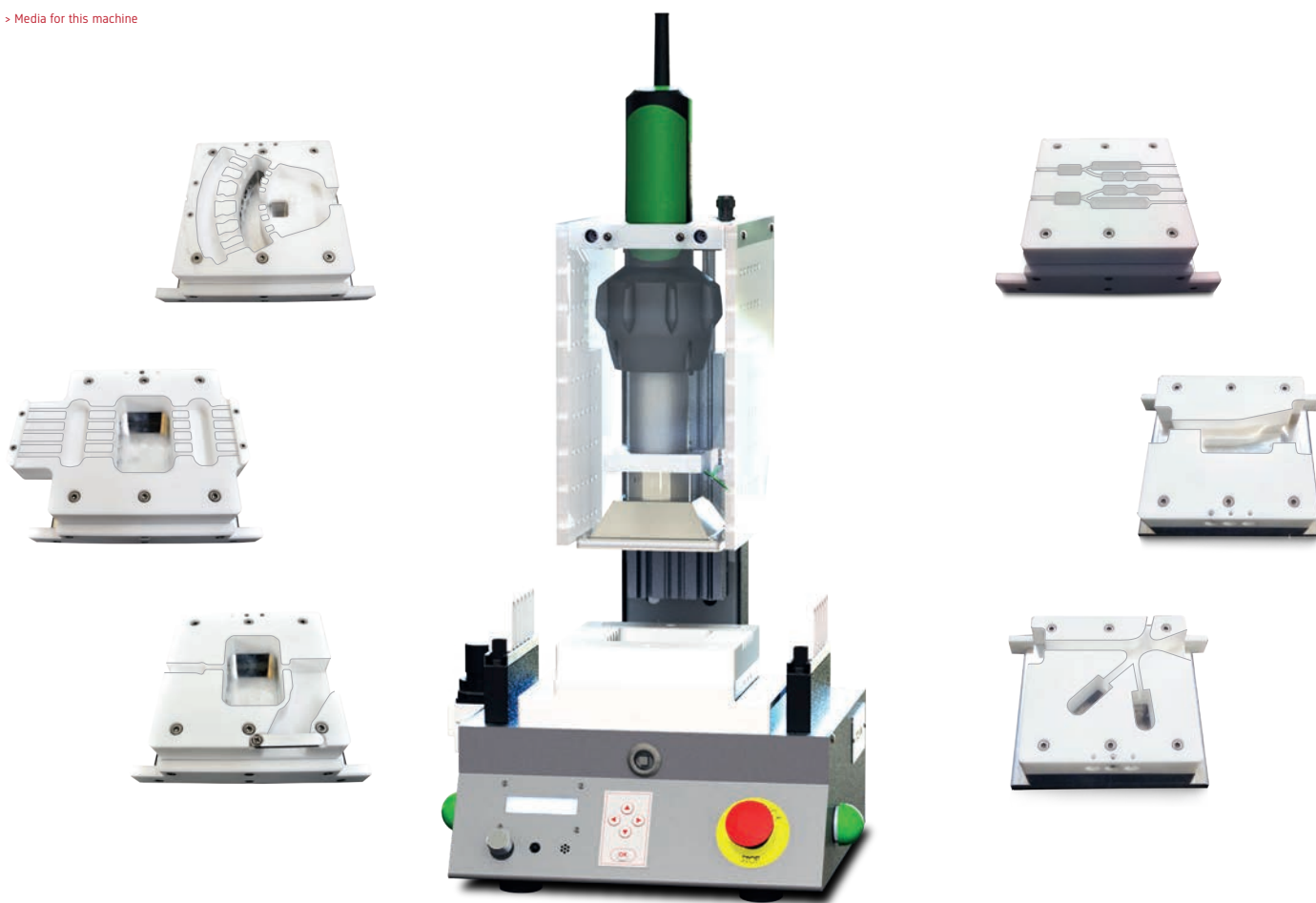
Technology  
☑ Hot Air

> Media for this machine

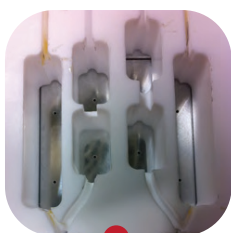
The STCS-VM is a machine for processing heat shrink tubes, based on hot air devices. It's designed for workbench applications and can process several parts at the same time.

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.



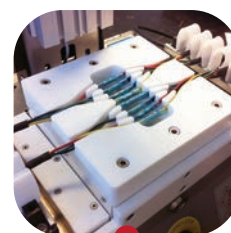
Fast changeable shrinking chamber



Optional cooling system



Chambers 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
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### SHRINKING TIME

Min - Max [s]	1-999
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### MEASUREMENTS

Width; Length; Height	375; 315; 600 [mm] 14.8; 12.4; 23.6 [in]
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Weight [kg] / [lbs]	25 / 55,1
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### POWER SUPPLY/CONSUMPTION

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

Supply	Quick Hold Socket Ø8mm
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Supply Pressure	Min: 4bar; Max: 6bar; Rec: 5bar
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### CONNECTIONS

Barcode Reader	RS232
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Temperature Sensor	Type K Thermocouple
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Power Line	1 IEC Socket
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Programming	Membrane Keyboard
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Interface	LCD 16x2, Buzzer and LED
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### SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	100; 100; 27 / 3.9; 3.9; 1.1
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Min-Max Tube Ø [mm] / [in]	0-20 / 0-0.8
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Min-Max Tube Length [mm] / [in]	0-90 / 0-3.5
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Min-Max Cable Ø [mm] / [in]	0-20 / 0-0.8
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Min-Max Cable Length [mm] / [in]	-
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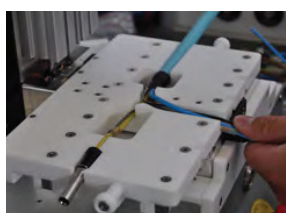
### CALIBRATION

Calibration Probe	ref.: 05-10-0008
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## Features

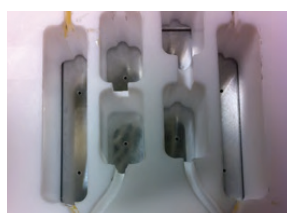
- Adjustable parameters: process temperature, shrinking time, etc;
- Easy and fast replaceable shrinking chamber, locked by key;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references (each reference can have from 1 to 20 shrinking 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).

## Options



- Custom shrinking chamber

Ref: 06-01-0056



- Cooling system

Ref: 06-01-0086



- Chamber detection system

Ref: 06-01-0128