

# DATASHEET

# STCS

# VMir+



> Media for this machine

Reference of the product  
14-01-0032

Technology  
 Infrared

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 fixture system.

The shrinking fixtures are designed according with the application specifications, making them ideal for special applications.

Based on the standard STCS-VMir, the main difference is on the shrinking fixture dimension: 225mm x 100mm.



Fast interchangeable shrinking fixture system



USB and Ethernet sockets for network communication



Bigger shrinking fixture comparing to standard STCS-VMir: 225mm x 100mm



New and improved interface based on touchscreen technology, that allows network communication

# Technical Data

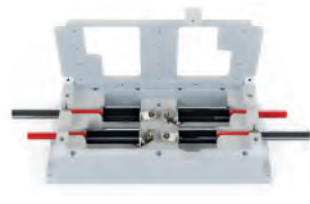
<b>WORKING TEMPERATURE</b>	
Min - Max [°C] / [°F]	250-500 / 482-932
<b>SHRINKING TIME</b>	
Min - Max [s]	1-100
<b>MEASUREMENTS</b>	
Width; Length; Height [mm] / [in]	540; 591; 475.5 / 21.3; 23.3; 18.7
Weight [kg] / [lbs]	43; 94.8
<b>POWER SUPPLY/CONSUMPTION</b>	
Supply	230 [V] @ 50Hz
Consumption	500 [mA] to 14 [A] (Max.3200W)
<b>PNEUMATIC</b>	
Supply	Quick Hold Socket Ø8 [mm]
Supply Pressure	Min: 4bar; Max: 7bar; Rec: 6bar

<b>CONNECTIONS</b>	
Barcode Reader	USB
Temperature Sensor	Type K Thermocouple
Power Line	1 IEC C20 Socket
Programming	Touchscreen, Barcode Reader, External Device
Interface	Touchscreen, Buzzer and LED
<b>SHRINKING CHAMBER</b>	
Shrinking Chamber [mm] / [in]	100; 225; 55 / 3.9; 8.9; 2.2
Min-Max Tube Ø [mm] / [in]	0-45 / 0-1.8
Min-Max Tube Length [mm] / [in]	0-200 / 0-7.9
Min-Max Cable Ø [mm] / [in]	0-40 / 0-1.6
Min-Max Cable Length [mm] / [in]	-
<b>CALIBRATION</b>	
Calibration Probe	ref.: 26-33-0001

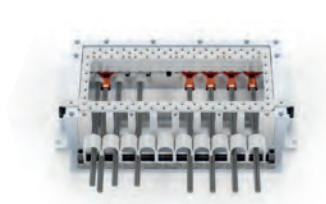
# Features

- Adjustable parameters: process temperature, shrinking time, etc.;
- Easy and fast interchangeable shrinking fixtures;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 with pre-programmed references (999 in total);
- The pre-programming of references can be done manually, using a PC with STCS-RCT software or using 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;
- External temperature probe connection for temperature reading and offset adjustment;
- Automatic cool down cycle to extend the lifetime of components;
- Working time counter and partial and total cycle counter;
- Communication with ultrasonic welding machines;
- Network communication;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

# Options



- Custom shrinking fixture  
Ref: 27-28-0001



- Dual fixture  
Ref: 27-28-0003