DATASHEET
STCS VMir+

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 chamber system.

The chambers 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 chamber dimension: 225mm x 100mm.

1 Fast changeable shrinking chamber

2 USB and Ethernet sockets for network communication

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

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

Technical Data

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

SHRINKING TIME	
Min - Max [s]	1-100

MEASUREMENTS	
Width; Length; Height [mm] / [in]	580; 540; 430 / 22.8; 21.3; 16.9
Weight [kg] / [lbs]	42 / 92.6

POWER SUPPLY/CONSUMPTION	
Supply	230 [V] @ 50Hz
Consumption	500 [mA] to 14 [A] (Max.3200W)

PNEUMATIC	
Supply	Quick Hold Socket Ø8 [mm]
Supply Pressure	Min: 5bar; Max: 7bar; Rec: 6bar

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

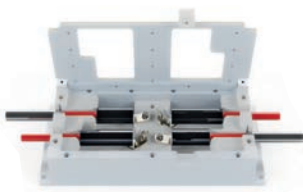| SHRINKING CHAMBER	
Shrinking Chamber [mm] / [in]	100 x 225 x 54 / 3.9 x 8.9 x 2.1
Min-Max Tube Ø [mm] / [in]	0-45 / 0-1.8
Min-Max Tube Length [mm] / [in]	0-200 / 0-7.9
Min-Max Cable Ø [mm] / [in]	0-45 / 0-1.8
Min-Max Cable Length [mm] / [in]	-

CALIBRATION	
Calibration Probe	ref.: 26-33-0001

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).

Options

- **Custom shrinking chamber**
  Ref: 27-28-0001

- **Dual fixture**
  Ref: 27-28-0003