STCS VMir+ UV

Reference of the product
14-05-0023

Technology
⧈ Infrared

> Media for this machine

The STCS-VMir+ UV is an upgraded version of the standard equipment with a built-in vision system to better control the entire process.

It allows automatic quality checks like the presence and position of components, contaminated terminals, or glue overflow.
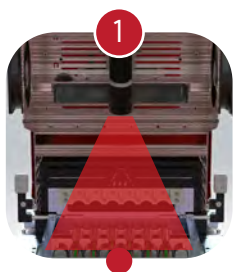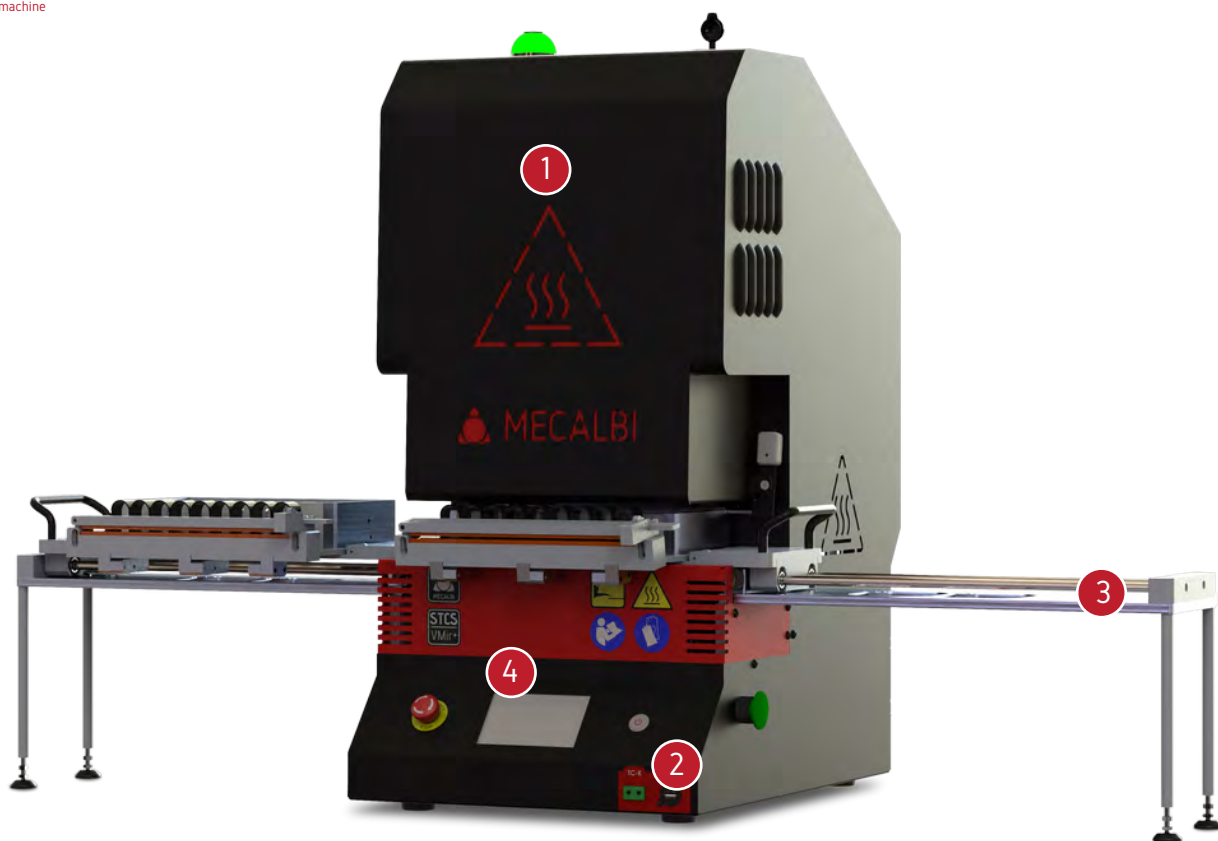
This machine can be used on several applications since it´s equipped with a fast exchangeable shrinking fixture mechanism and the vision system can be configured for different kinds of products.
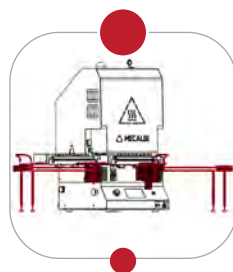

Vision system for better control of the process

Communication features such as Ethernet and USB

Dual fixture configuration to increase the output

Touchscreen technology

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]	1335; 591; 830 / 52.6; 23.3; 32.7
Weight [kg] / [lbs]	55; 121.3

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 C20 Socket
Programming	Touchscreen, Barcode Reader, External Device
Interface	Touchscreen, Buzzer and LED

SHRINKING CHAMBER	
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]	0-45 / 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 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;

- Vision system for accurate process control;

- Validations like presence and position of components, glue overflow and terminal contamination;

- 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;

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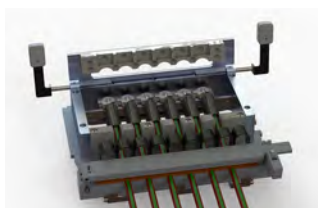
- **Custom shrinking fixture**
  Ref: 27-28-0001