

DATASHEET

STCS

MYX

The STCS-MYX is a heat shrink system based on an infrared quartz oven with Y and X axes movement to improve the process efficiency and effectiveness.

It's designed with two independent workstations and a shuttle oven that moves from one station to the other, reducing dead-time and boosting productivity.

Optionally, the equipment can be provided with RFID technology for fixture detection to guarantee the process integrity.



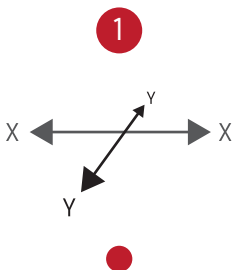
Reference of the product

14-01-0046

Technology

 Infrared

> Media for this machine



Oven with X and Y movement for improved process consistency



Workstations with independent process parameters



Easily exchangeable fixtures



Improved safety mechanisms to protect the user

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F] 350-550 / 662-1022

SHRINKING TIME

Min - Max [s] 1-99

MEASUREMENTS

Width; Length; Height 1688; 726; 1283 [mm]
66.5; 28.6; 50.5 [in]

Weight [kg] / [lbs] 230 / 507.1

POWER SUPPLY/CONSUMPTION

Supply 230 [V] @ 50Hz

Consumption 15 [A] (Max.3500W)

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, Barcode Reader

Interface Touchscreen, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber [mm] / [in] 300x110x55 / 11.8x4.3x2.2

Min-Max Tube Ø [mm] / [in] 0-50 / 0-2

Min-Max Tube Length [mm] / [in] 0-110 / 0-4.3

Min-Max Cable Ø [mm] / [in] 0-45 / 0-1.8

Min-Max Cable Length [mm] / [in] 195-∞ / 7.7-∞

CALIBRATION

Calibration Probe ref.: 05-22-0025

Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two independent workstations with independent parameters (shrinking time);
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references;
- The pre-programming of references can be made manually on the touchscreen or using STCS-RCT and a USB stick to transfer the programs;
- The selection of references can be made automatically using a barcode reader or manually on the touchscreen;
- Optional RFID system with fixture detection for automatic loading of process parameters;
- Use of labels for each shrinking time inside a reference, to help the selection of the assembly;
- Tool fixtures with adjustable stopper to ensure the shrink tube's position;
- Optional jig pusher tool to guarantee the
- heat shrink tube sealing near the terminals; Optional anti-glue tool to protect the terminals from glue overflow;
- Easily exchangeable fixtures;
- Work area with lighting;
- Easy firmware upgrade;
- 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;
- Working time counter;
- Network communication;
- Interchangeable system language, including Portuguese, English, French and Spanish (others on demand).

Options



- RFID system
Ref: 27-37-0001



- Jig pusher system
Ref: 27-37-0002



- Additional fixture
Ref: 27-37-0004

- ① Additional fixture w/ anti-glue tool
Ref: 27-37-0003

- ② Additional fixture w/ RFID tag
Ref: 27-37-0005

- ① ② Additional fixture w/ RFID tag & anti-glue tool
Ref: 27-37-0006