

DATASHEET

STCS

LC XL

The STCS-LC XL is a variation of the standard STCS-LC machine. Based on infrared resistors, it's able to process several and different types of parts at the same time.

The bigger shrinking chamber (500x820mm) allows a higher range of harness dimensions and when using custom fixtures it's possible to protect any sensible component and make sure of any position requirement.

Designed for workbench applications, it has two operating modes including the usage of references which can also be selected using barcode readers.



Reference of the product
14-01-0027

Technology
 Infrared

> Media for this machine



Bigger set up area,
700x510mm



Bigger shrinking chamber,
500x820mm



Side panel with USB port
for reference uploading
and barcode reader
connection



New and improved
interface based on
touchscreen technology

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F] 350-600 / 662-1112

SHRINKING TIME

Min - Max [s] 20-180

MEASUREMENTS

Width; Length; Height
[mm] / [in] 1020; 1860; 771 /
40.2; 73.2; 30.4

Weight [kg] / [lbs] 220 / 485

POWER SUPPLY/CONSUMPTION

Supply 400 [V] ~3/N @ 50Hz

Consumption 500 [mA] to 30 [A] (Max.20000W)

PNEUMATIC

Supply Quick Hold Socket Ø8 [mm]

Supply Pressure Min: 4bar; Max: 7bar; Rec: 6bar

CONNECTIONS

Barcode Reader USB

Temperature Sensor Type K Thermocouple

Power Line 1 IEC 60309 (6h) 3 Phase Socket

Programming Touchscreen, Barcode Reader,
External Device

Interface Touchscreen, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber [mm] / [in] 500; 820; 140 / 19.7; 32.3; 5.5

Min-Max Tube Ø [mm] / [in] 0-140 / 0-5.5

Min-Max Tube Length [mm] / [in] -

Min-Max Cable Ø [mm] / [in] 0-140 / 0-5.5

Min-Max Cable Length [mm] / [in] -

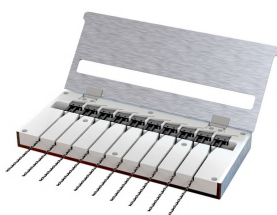
CALIBRATION

Calibration Probe ref.: 06-01-0192

Features

- Adjustable parameters: process temperature, shrinking time, etc.;
- 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;
- The selection of references can be done automatically using a barcode reader or manually on the touchscreen;
- Use of labels for each shrinking time inside a reference;
- Automatic conveyor speed adjustment, in function of the programmed shrinking time;
- Built-in cooling system, based on compressed air amplifiers;
- Adjustable oven opening (up to 100mm);
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Equipped with the external temperature probe connection for temperature reading and offset adjustment;
- Automatic cool down cycle to extend the lifetime of components;
- Partial and total cycle counter;
- Working time counter;
- Interchangeable system language, including: English, Portuguese, French and Spanish (others on demand).

Options



- Custom fixture
Ref: 27-33-0001