

# DATASHEET

# STCS

# LC

The STCS - LC (Longitudinal Conveyor) is a heat shrink system, based on infrared resistors, that is able to process several and different types of parts at the same time.

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  
14-01-0021

Technology  
 Infrared

> Media for this machine



Virtually no limits concerning the size of the harness and shrink tubes to be processed



Possibility to use customized fixtures for special applications



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



New and improved interface based on Touchscreen technology

## WORKING TEMPERATURE

Min - Max [°C] / [°F]	250-400 / 482-752
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## SHRINKING TIME

Min - Max [s]	6-180
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## MEASUREMENTS

Width; Length; Height [mm] / [in]	715; 1200; 508 / 28.1; 47.2; 20
Weight [kg] / [lbs]	80 / 176.4

## POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	500 [mA] to 16 [A] (Max.3600W)

## PNEUMATIC

Supply	Quick Hold Socket Ø8 [mm]
Supply Pressure	Min: 2bar; Max: 6bar; Rec: 3bar

## 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]	400x360x100 / 15.7x14.2x3.9
Min-Max Tube Ø [mm] / [in]	0-100 / 0-3.9
Min-Max Tube Length [mm] / [in]	-
Min-Max Cable Ø [mm] / [in]	0-100 / 0-3.9
Min-Max Cable Length [mm] / [in]	-

## CALIBRATION

Calibration Probe	ref.: 06-01-0192
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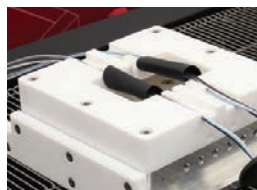
## Features

- Adjustable parameters: process temperature, shrinking time, cooling etc;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references (100 in total);
- The pre-programming of references can be done manually, using a PC with STCS-RCT software (reads Excel™ files) 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 and information about additional glue 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 lifecycle of components;
- Partial and global cycle counter;
- Working time counter;
- Interchangeable system language, including: English, Portuguese, French and Spanish (others on demand).

## Options



- **Extra-cooling system**  
Ref: 06-01-0189



- **Custom fixture (for position assurance)**  
Ref: 27-16-0001