

DATASHEET

STCS

SL800

The STCS-SL800 is a heat shrink system based on infrared technology capable of processing harnesses up to 800 millimeters long.

The sliding oven, with both x and y movements, covers a wide area and ensures a precise and uniform process once the shrinking positions within its range can be predefined.

Designed for large applications, it's also a flexible equipment when using customized jigs for special applications.



Reference of the product
14-01-0067

Technology
 Infrared

> Media for this machine



Electrical oven motor with x and y movement



5 different shrinking positions with possibility of having different process parameters



Cooling system with independent movement



Adjustable product holders adaptable to different lengths and configurations of product

Technical Data

WORKING TEMPERATURE

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

Min - Max [s]	1-99
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MEASUREMENTS

Width; Length; Height [mm] / [in]	1550; 785; 1400 / 61; 31; 55.1
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Weight [kg] / [lbs]	220 / 485.0
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POWER SUPPLY/CONSUMPTION

Supply	200-240 [V] @ 50Hz
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Consumption	7 [A] (Max.1600W)
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PNEUMATIC

Supply	-
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Supply Pressure	-
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CONNECTIONS

Barcode Reader	USB
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Temperature Sensor	Type K Thermocouple
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Power Line	1 IEC 60309 Socket
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Programming	Touchscreen and Barcode Reader
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Interface	Touchscreen, Buzzer and LED
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SHRINKING CHAMBER

Shrinking Chamber [mm] / [in]	103; 132; 69 / 4.1; 5.2; 2.7
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Min-Max Tube Ø [mm] / [in]	0-40 / 0-1.6
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Min-Max Tube Length [mm] / [in]	0-800 / 0-31.5
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Min-Max Cable Ø [mm] / [in]	0-40 / 0-1.6
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Min-Max Cable Length [mm] / [in]	-
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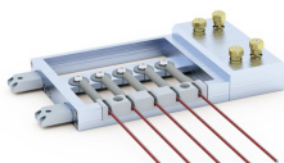
CALIBRATION

Calibration Probe	ref.: 27-52-0002
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Features

- Adjustable parameters: process temperature, shrinking time, cooling, etc.;
- Possibility of having up to 5 different shrinking positions with independent process parameters;
- Adjustable product holders to adapt to different sizes of harnesses;
- The pre-programming of references can be made manually on the touchscreen or using a USB stick;
- The selection of references can be done automatically using a barcode reader or manually on the touchscreen;
- Easy firmware upgrade;
- Automatic motor speed adjustment, in function of the programmed parameters;
- Electrical oven motor with x and y movement;
- Independent cooling system for process optimization;
- Manual and automatic calibration;
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Equipped with external temperature probe connection for temperature reading and offset adjustment;
- Automatic cool-down cycle to extend the lifetime of components;
- Working time counter and partial and total cycle counter;
- Network communication;
- Interchangeable system language, including English, Portuguese, French and Spanish (others on demand).

Options



- **Custom shrinking fixture**
Ref: 27-52-0001