

DATASHEET

STCS

CS14



> Media for this machine

Reference of the product
14-01-0025

Technology
 Infrared

The STCS-CS14 is a heat shrink system designed as a short conveyor based on infrared resistors.

Compact and lightweight machine for large production requirements since the output is only determined by the pace of the operator.

Optional Integrated System Automatic Centering (ISAC14) for heat shrink tube position and length assurance.



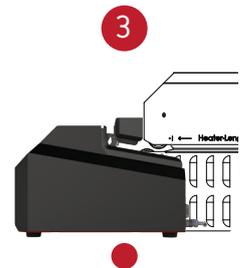
The system can be equipped also with cooling, cable counter, auxiliary centering system, custom-made workbench and cable support system for big wires



New state-of-the-art features like Ethernet for network communication, USB, Wi-Fi, etc.



Compact and lightweight machine for space optimization



Optional ISAC14 (Integrated System Automatic Centering) for heat shrink tubing position assurance

Technical Data

WORKING TEMPERATURE

Minimum	300 [°C]
Maximum	600 [°C]

DIMENSIONS

		WITH ISAC14
Length	814 [mm]	1046 [mm]
Width	214 [mm]	341 [mm]
Height	398 [mm]	398 [mm]
Weight	35 [kg]	55 [kg]

POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	500 [mA] to 9 [A] (Max.2000W)

CONNECTIONS

Compressed Air	Quick Hold Socket – Ø6/Ø8 [mm]
Air Pressure	Min. 5 bar; Max. 7 bar; Rec. 6 bar
Electrical Grid	1 IEC Socket

Barcode Reader	USB
Programming	Touchscreen, Barcode Reader, External Device
Interface	Touchscreen, Buzzer and LED

SHRINKING CHAMBER

Shrinking Chamber	200x70x30 [mm]
Cable Length [Min]	140 [mm]
Shrinking Tube Diameter [Max]	25 [mm]
Shrinking Tube Length [Max]	65 [mm]

CALIBRATION

Calibration Probe	ref.: 06-01-0279
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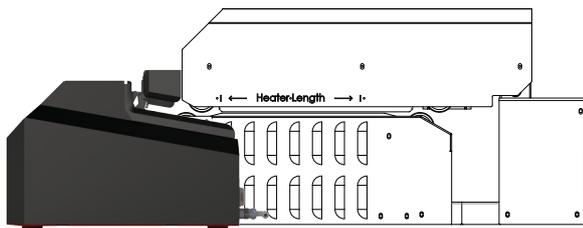
WITH **ISAC14**

Detection Length (Electrodes)	13 [mm] 18 [mm]
Cable Length [Min]	300 [mm]

Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature and time control; and M2 mode with pre-programmed references (999 in total);
- The pre-programming of references can be done manually or 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;
- Easy firmware upgrade using a USB stick;
- Use of labels and information about additional glue for each shrinking time inside a reference;
- Automatic conveyor's speed adjustment, in function of the programmed shrinking time;
- Cooling system;
- Optional automatic centering system with heat shrink tube length control; **ISAC14**
- Cable counter;
- Custom-made workbench with long cables support system;
- 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;
- Network communication;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

Options



- **ISAC14** Integrated System Automatic Centering
Ref: 27-18-0002

- **Cooling system**
Ref: 06-01-0235
- **Ethernet port**
Ref: 06-01-0238
- **Cable counter**
Ref: 06-01-0236
- **End splice tool**
Ref: 06-01-0125
- **Cable support system**
Ref: 06-01-0237
- **Ring terminal tool**
Ref: 06-01-0106
- **Workbench**
Ref: 06-01-0234
- **Auxiliary centering system**
Ref: 06-01-0232