

DATASHEET

STCS

CS19

The STCS-CS19 is a machine for processing heat shrink tubes, based on infrared resistors. It's designed for workbench applications and can process several parts at the same time.

It has several operating modes, including the use of references which can be selected using barcode readers.

Once the reference is selected, the machine automatically adjusts all parameters to the pre-programmed values, including shrinking time (conveyor's speed).



Reference of the product
14-01-0007

Technology
 Infrared

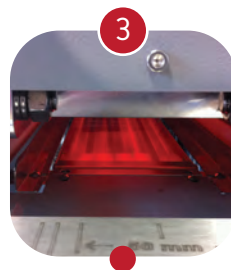
> Media for this machine



Use of references, that can be selected manually or using barcode readers, to automatically adjust the parameters and allow seamless transitions between batches of assemblies



Automatic conveyor's speed adjustment based on the programmed shrinking time



New quartz infrared resistors with glass protection, for increase durability



Optional ISAC19STA for automatic centering of heat shrink tubes in linear splices

Technical Data

WORKING TEMPERATURE

Min - Max [°C] / [°F] 300-600 / 572-1112

SHRINKING TIME

Min - Max [s] 2-50

MEASUREMENTS

ISAC19STA

Width; Length; Height 284; 1540; 545 / 805; 1700; 560 /
[mm] / [in] 11.2; 60.6; 21.5 31.7; 66.9; 22

Weight [kg] / [lbs] 100 / 220.5 145 / 319.7

POWER SUPPLY/CONSUMPTION

Supply 230 [V] @ 50Hz

Consumption 500 [mA] to 16 [A] (Max.3600W)

PNEUMATIC

Supply -

Supply Pressure -

CONNECTIONS

Barcode Reader RS232

Temperature Sensor Type K Thermocouple

Power Line 1 IEC C20 Socket

Programming Membrane Keyboard, Barcode Reader, External Device

Interface LCD 16x2, Buzzer and LED

SHRINKING CHAMBER

ISAC19STA

Shrinking Chamber [mm] / [in] 285; 95; 40 /
11.2; 3.7; 1.6

Min-Max Tube Ø [mm] / [in] 0-30 / 0-1.2 0-25 / 0-1

Min-Max Tube Length [mm] / [in] 0-90 / 0-3.5 30-90 / 1.2-3.5

Min-Max Cable Ø [mm] / [in] 0-30 / 0-1.2 0-30 / 0-1.2

Min-Max Cable Length [mm] / [in] 215-∞ / 8.5-∞ 450-∞ / 17.7-∞

Splice Detection Length [mm] / [in] - 6-22 / 0.2-0.9

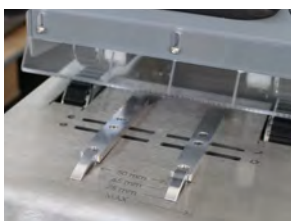
CALIBRATION

Calibration Probe ref.: 05-22-0010

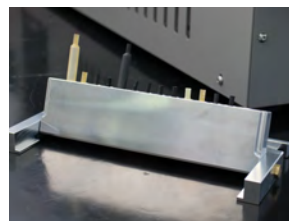
Features

- Adjustable parameters: process temperature, shrinking time, etc.;
- Two different operating modes: M1 with temperature and time control; and M2 with pre-programmed references (100 in total);
- The pre-programming of references can be done manually or using a PC with STCS-RCT software;
- The selection of references can be done automatically using a barcode reader or manually using either the rotating knob or the keyboard;
- Automatic conveyor's speed adjustment, in function of the programmed shrinking time;
- Manual and automatic calibration;
- Optional automatic centering system with heat shrink tube dimension and position control (ISAC19STA);
- ISAC19STA to operate as a standalone equipment or in server mode to communicate with client (heat shrink system);
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Equipped with the external thermocouple 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;
- Can be supplied with a special kit for ring terminals and/or end splices;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

Options



- **Auxiliary centering system**
Ref: 06-01-0131



- **Normal cap to end cap tool**
Ref: 26-24-000X



- **ISAC19STA**
Ref: 27-09-0002

- **End splice tool**
Ref: 06-01-0125

- **Ring terminal tool**
Ref: 06-01-0106

- **Cooling system**
Ref: 06-01-0107