The STCS-evo500TS is a heat shrink system, based on infrared technology.

It’s designed for workbench applications and can process one part at a time.

The system is based on a touchscreen display and offers network capability.

By adding optional tools, besides normal splices, the STCS-evo500TS can work on end splices, ring terminals and other special applications.
Technical Data

**Working Temperature**
- Minimum: 250 [ºC]
- Maximum: 550 [ºC]

**Dimensions**
- Length: 496 [mm]
- Width: 293 [mm]
- Height: 255 [mm]
- Weight: 16.5 [kg]

**Power Supply/Consumption**
- Supply: 230 [V] @ 50Hz
- Consumption: 500 [mA] to 3 [A] (Max. 700W)

**Connections**
- Compressed Air: Quick Hold Socket – Ø 8 mm
- Air Pressure: Min. 5 Bar; Max. 7 Bar; Rec. 6 Bar

**Electrical Grid**
- 1 IEC Standard Male Socket (Detachable Power Supply Cord)

**Barcode Reader**
- USB

**Programming**
- Touchscreen, Barcode Reader, External Device

**Interface**
- Touchscreen, Buzzer and LED

**Shrinking Chamber**
- Shrinking Chamber: Ø32x77 [mm]
- Cable Length [Min]: 227 [mm]
- Shrinking Tube Diameter [Max]: 20 [mm]
- Shrinking Tube Length [Max]: 75 [mm]

**Calibration**
- Calibration Probe: ref.: 06-01-0278

Features

- Adjustable parameters: process temperature, shrinking time, etc;
- Two different operating modes: M1 with temperature and shrinking time control; and M2 mode with pre-programmed references (999 in total);
- Additional operating mode (M3) for splice diameter detection (SDD System) and automatic parameters setting;
- 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;
- Easy firmware upgrade using a USB stick;
- Use of labels for each shrinking time inside a reference;
- Cooling 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;
- Communication with ultrasonic welding machines;
- Network communication;
- HDMI port to mirror the system’s display;
- Interchangeable system language including: English, Portuguese, French and Spanish (others on demand).

Options

- **End splice tool**
  Ref: 26-23-0010
- **CAN tool**
  Ref: 26-23-0014
- **CAN tool**
  (normal splice)
  Ref: 26-23-0010
- **Ring terminal tool**
  Ref: 26-23-0021
- **SDD system**
  Ref: 06-01-0230
- **CAN tool**
  (end splice)
  Ref: 26-23-0013
- **Cooling system**
  Ref: 06-01-0229
- **HDMI port**
  Ref: 06-01-0233