

DATASHEET

STCS PHD



Reference of the product
14-01-0005

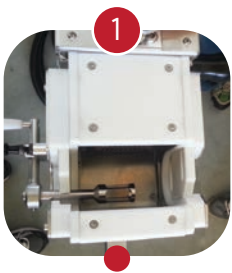
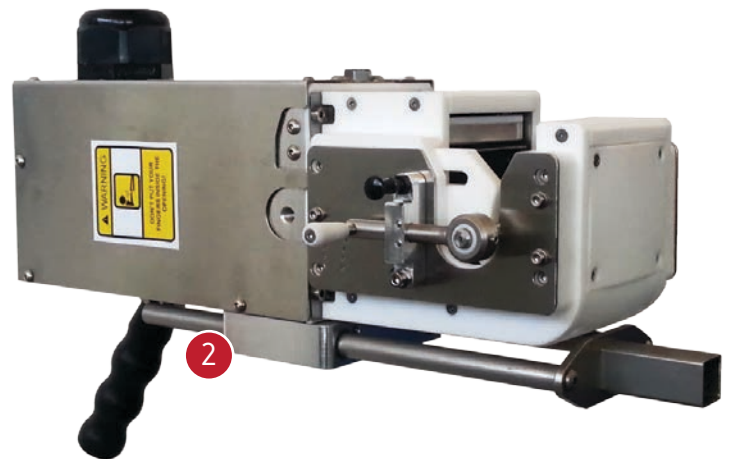
Technology
☒ Hot Air

> Media for this machine

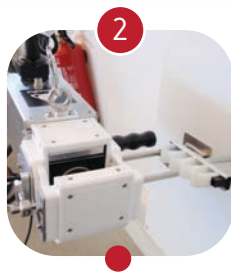
The STCS-PHD is a machine for processing heat shrink tubes, based on hot air devices. It's designed for line panel applications and can process one part at a time.

The system is made by a control module for parameter definition and a hot air device for the shrinking operation.

It has several working configurations to easily accommodate all panel applications.



Can be supplied with custom shrinking chambers, designed for specific applications



Can work vertically, horizontally, in parallel or perpendicular towards the line panel



Panel fixation using a suction vacuum pump or a blade system



Use of references or sequences, that can be selected manually or using barcode readers



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Technical Data

WORKING TEMPERATURE

Minimum	150 [°C]
Maximum	350 [°C] (Due to material limitations, it's recommended to work below 280°C)

DIMENSIONS - HOT AIR DEVICE

Length	440 [mm]
Width	240 [mm]
Height	190 [mm]
Weight	6 [kg]

DIMENSIONS - CONTROL MODULE

Length	273 [mm]
Width	200 [mm]
Height	140 [mm]
Weight	3 [kg]

POWER SUPPLY/CONSUMPTION

Supply	230 [V] @ 50Hz
Consumption	50 [mA] to 15 [A] (Max.3400W)

CONNECTIONS

Compressed Air	Quick Hold Socket, Ø 10mm;
Air Pressure	Min: 5 Bar; Max: 6 Bar
Electrical Grid	1 IEC Standard Male Socket
Barcode Reader	DB9 Male
Programming	Membrane Keyboard, Barcode Reader

SHRINKING CHAMBER

Standard Shrinking Chamber	L = 80 mm; Ø 30 mm
Large Shrinking Chamber	L = 80 mm; Ø 50 mm

CALIBRATION

Calibration Probe	ref.: 05-22-0011
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Features

- Adjustable parameters: process temperature, shrinking time, waiting time, etc;
- Several working configurations to accommodate all panel's applications;
- Two different operating modes: M1 with temperature control and shrinking time; and M2 mode with pre-programmed references (each reference can have from 1 to 20 shrinking times);
- Built-in cooling system;
- The pre-programming of references can be done manually or using a PC with STCS-RCT software (reads Excel™ files);
- The selection of references can be done automatically using a barcode reader or manually using either the rotating knob or the keyboard;
- Use of labels for each shrinking time inside a reference;
- Manual and automatic calibration (single cycle);
- Programming mode password protected;
- Special maintenance mode for hardware debug;
- Cycle counter;
- Air fault detection;
- Interchangeable system language, including: Portuguese, English, French and Spanish (others on demand).

Options



- **Vaccum support system**
Ref: 06-01-0063



- **Blade support system**
Ref: 06-01-0064



- **Custom shrinking chamber**
Ref: 06-01-0055



- **End splice tool**
Ref: 27-03-0001