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## Shrinking Tube Control System

The STCS-PT (Poke-Through) is a manually operated device, intended to be used as a convenient "in-process" sampling technique for testing sealed splices.

It is designed to detect sleeve's poke-through in a fast and easy way, using large visual and audio signals.



Tower beam with visual and audio indicators

1,6L water chamber for splice testing

Rotating keys for system operation and error lock

Two electrodes for cable connection

## TECHNICAL CHARACTERISTICS

## DIMENSIONS

Length	280 [mm]
Width	500 [mm]
Height	135 [mm] (without tower)
Weight	10 [kg]

## CHAMBER DIMENSIONS

Length	80 [mm]
Width	200 [mm]
Height	100 [mm]

## TOWER BEAM SPECIFICATIONS

Height	352 [mm]
Noise Level	80 [dB]

## POWER SUPPLY/CONSUMPTION

Supply	24 VDC
Working Consumption	500 mA

## OPERATION

The STCS-PT (Poke-Through) is a manually operated device, intended to be used as a convenient 'in-process' sampling technique for testing sealed splices. The system is designed to identify the splices poke-through using a water container to detect the current leakage.

When the system is ready to operate, the tower's blue light turns on. The operator can then put the two ends of the wire in contact with the system's electrodes and immerse the splice into the water chamber.

If the systems detects no poke-through on the samples, the green light turns on and another splice can be tested. On the other hand, if a poke-through is detected, the red light turns on, the buzzer is activated and the system is locked, needing a supervisor key to enable it again.

The system is designed to detect even the smallest current leakage and it is completely safe to operate.

- ▲ Current leakage detection system, for detection of poke-through;
- ▲ 2 locking keys: one to unlock error and other to unlock error counter;
- ▲ Large tower beam for visual and audio warnings;
- ▲ Extreme sensitive current leakage detection system;
- ▲ Minimal skills required for operating with the machine;
- ▲ Completely safe to operate.

