

DATASHEET

STCS

BLT



> Media for this machine

Reference of the product

14-03-0006

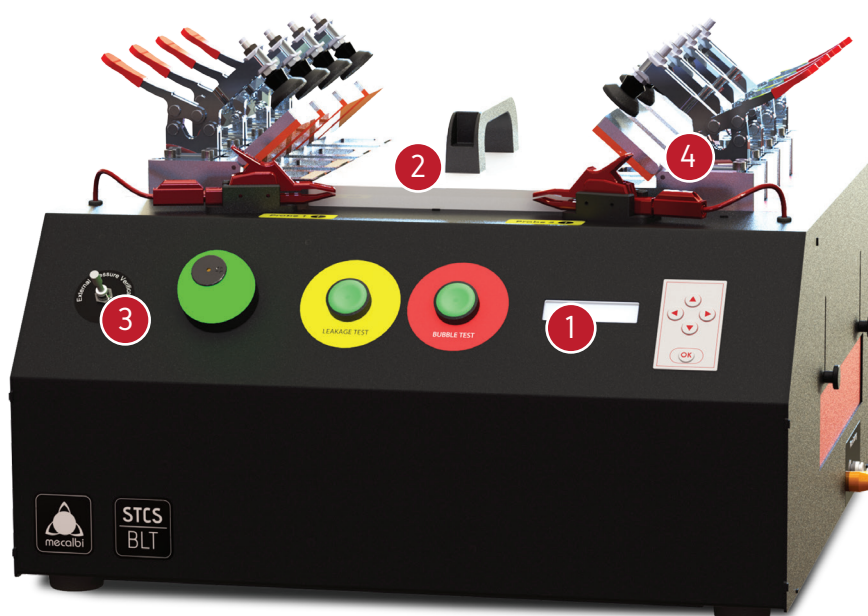
Technology

Test System

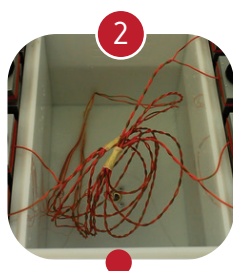
The STCS-BLT is a manually operated pneumatic device, intended to be used as a convenient “in-process” sampling technique testing sealed splices.

It has a built-in current leakage detection system that detects splice’s insulation resistance.

It can be supplied with special test chambers for big cross-section cables.



Real time automatic pressure test adjustment without the need of manual regulation



Built-in current leakage detection system, that measures the electrical resistance of the splice



External pressure test verification



Option of using special chambers, mechanically compatible with normal chambers, to test big cross-section cables

Technical Data

DIMENSIONS

Length	525 [mm]
Width	561 [mm]
Height	345 [mm]
Weight	30 [kg]

CHAMBERS

Length	40 [mm]
Width	30 [mm]
Height	10 [mm]
Cable	Max: Ø6,5 [mm]

POWER SUPPLY/CONSUMPTION

Supply	24 VDC
Consumption	50 [mA] to 1 [A] (Max. 24W)

PNEUMATIC

Supply	Quick Hold Socket Ø8 [mm]
Supply Pressure	Max: 8bar
Test Pressure	Min: 0,5; Max: 2bar

CONNECTIONS

Power Line	DC Socket 2,5 [mm]
Programming	Membrane Keyboard

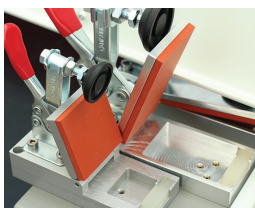
Features

- Automatic air pressure adjustment;
- Selection of which chambers receive test pressure, for air economy;
- Configurable test time and test pressure;
- Built-in detection system to detect insulation defects either by current leakage or insulation resistance;
- Programable leakage failure threshold (insulation and resistance);
- Insulation resistance failure programable between 1kΩ and 10GΩ;
- Current leakage failure programable between 1nA and 999μA;
- Bubble and leakage test counter;
- Manual internal pneumatic calibration;
- Password protected menu;
- Error lock (password protected);
- Pneumatic inlet failure detection;
- Interchangeable system language, including: English, Portuguese, French and Spanish (others on demand);
- Minimal skills required for operating with the machine;
- Special chambers for big cross-section cables.

Options



- Special test chamber (>Ø6.5)
Ref: 06-01-0127



- Special test chamber for terminals
Ref: 06-01-0297