

DATASHEET

STCS

BLT

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.



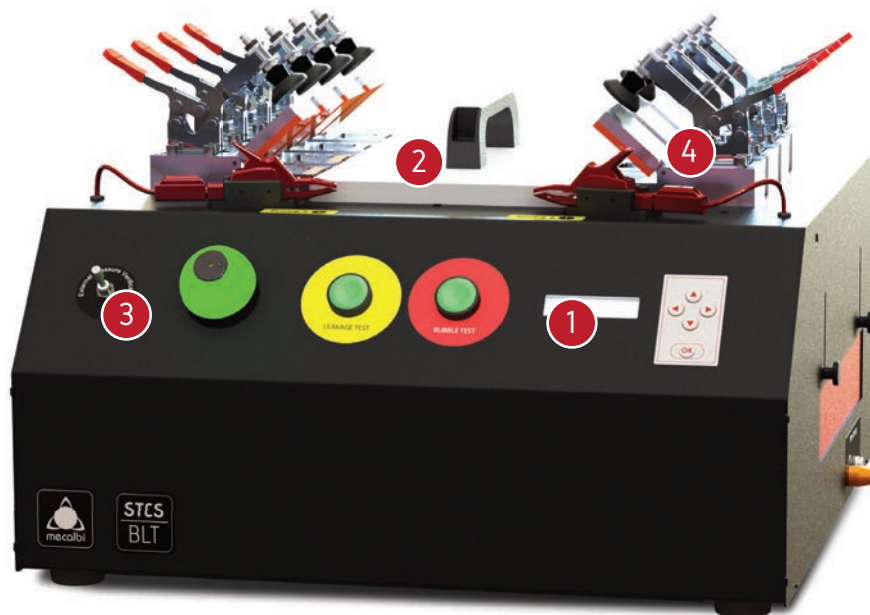
Reference of the product

14-03-0006

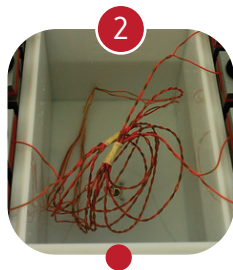
Technology

 Test System

> Media for this machine



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

WORKING TEMPERATURE

Min - Max [°C] / [°F]	-
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SHRINKING TIME

Min - Max [s]	-
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MEASUREMENTS

Width; Length; Height	561; 525; 345 [mm] 22.1; 20.7; 13.6 [in]
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Weight [kg] / [lbs]	30 / 66.1
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POWER SUPPLY/CONSUMPTION

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

Supply	Quick Hold Socket Ø8 [mm]
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Supply Pressure	Min: 0.5bar; Max: 2bar
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CONNECTIONS

Barcode Reader	-
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Temperature Sensor	-
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Power Line	1 IEC Socket
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Programming	Membrane Keyboard
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Interface	Membrane Keyboard, LCD 16x2, Buzzer, LED
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CHAMBER

Chamber [mm] / [in]	30x40x10 / 1.2x1.6x0.4
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Min-Max Tube Ø [mm] / [in]	-
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Min-Max Tube Length [mm] / [in]	-
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Min-Max Cable Ø [mm] / [in]	0-6.5 / 0-0.3
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Min-Max Cable Length [mm] / [in]	-
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CALIBRATION

Calibration Probe	-
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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