

DATASHEET

STCS BLTTS



Reference of the product
14-03-0010

Technology
Test System

> Media for this machine

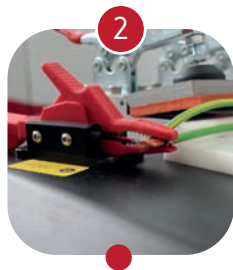
The STCS-BLTTS is a test equipment to check sealed splices.

Based on touchscreen technology, it can perform two independent tests: bubble test, to check if the splice is waterproof; and leakage test, to measure the splice's insulation resistance or current.

It's designed to be connected to external printers to instantaneously get the test result and can also be configured with custom test chambers to check big cross-section cables.



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



Insulation test by checking either current or insulation resistance



Several new generation communication features as Ethernet, USB and HDMI



External printer connection for test results printing

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	660; 557; 370 [mm] 26; 21.9; 14.6 [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	USB
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Temperature Sensor	-
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Power Line	1 IEC Standard Male Socket
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Programming	Touchscreen
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Interface	Touchscreen, Buzzer and 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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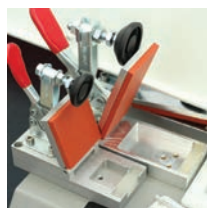
Features

- Adjustable test parameters: test time, test pressure, test resistance failure and test current failure;
- Automatic air pressure adjustment;
- Two different operating modes: M1 with time, pressure and resistance control; and M2 mode with pre-programmed references (999 in total);
- The selection of references can be done automatically using a barcode reader or manually on the Touchscreen;
- Selection of which chambers receive test pressure, for air economy;
- 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;
- Easy firmware upgrade using a USB stick;
- Manual internal pneumatic calibration;
- Programming mode password protected;
- Error lock (password protected);
- User login to save individual working data, like user ID, time and test result;
- Download of test parameters by USB or Ethernet;
- Pneumatic inlet failure detection;
- Interchangeable unit of pneumatic pressure: bar and PSI;
- Special maintenance mode for hardware debug;
- Equipped with the external pressure verification connection for system pressure reading and offset adjustment;
- Partial and global cycle counter;
- Working time counter;
- Network communication;
- 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