

# DATASHEET

# STCS

# BM3


The STCS-BM3 (Bubble Machine) is a manually operated pneumatic device, intended to be used as a convenient “in-process” sampling technique for testing sealed splices.

It has a built-in current leakage detection system that detects the shrink tube’s poke-through.

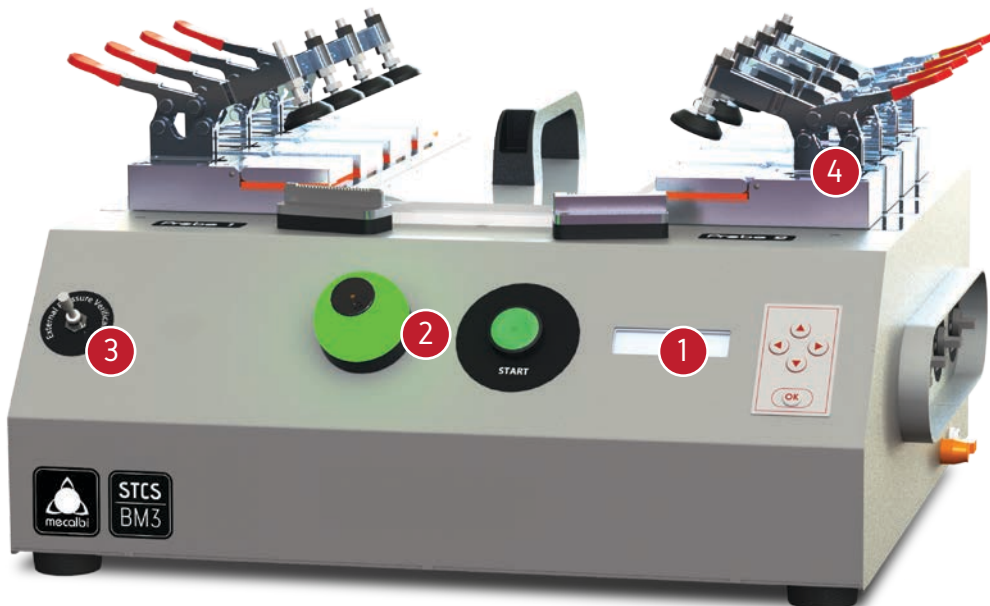
It can be supplied with special test chambers for big cross-section cables.



Reference of the product  
14-03-0005

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 for poke-through detection with visual and sound alarms



External pressure test verification



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



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## Technical Data

### DIMENSIONS

Length	490 [mm]
Width	560 [mm]
Height	270 [mm]
Weight	25 [kg]

### CHAMBERS

Length	26,75 [mm]
Width	30 [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
Pressure Test	Min: 0,5; Max: 2bar

### CONNECTIONS

Power Line	DC Socket 2,1 [mm] (EC8)
Programming	Membrane Keyboard

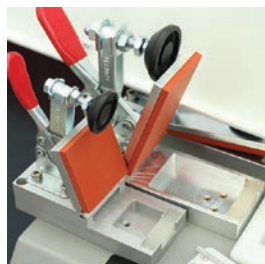
## Features

- Automatic air pressure adjustment;
- Selection of which chambers receive test pressure, for air economy;
- Configurable test time and test pressure;
- Built-in current leakage detection system, for detection of poke-through;
- Bubble and poke-through test counter;
- Manual internal calibration;
- Password protected menu;
- Error lock (password protected);
- Air fault 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



- **Alternative clamps**  
Ref: 06-01-0173