



## DTS FIBER OPTIC TEST TOOL – THERMOFIBROTESTER

**D**TS (distributed temperature sensing) fiber-optic linear heat detection system, as all fire detection systems, needs be verified the functionality during commissioning and maintenance in according to regional specification. In this cases it's necessary to have an equipment to be able to heighten the temperature in monitored mode and in a space confined of the fiber-optic. Thernostick Eletrotecnica Srl has solved that problem developing the ThermoFibroTester.

This tool is constituted of two flexible heating sleeves monitored from specific electronic boards.

Electronic boards control the heating sleeves to simulate a fire condition along a fiber-optic sensor cable. Protection



devices are in-built to improve the personal safety during use. Electrical connections are carried out by flexible cables protected against mechanical damages by resistant outer jacket. The flexible cables have specific connectors to plug in easily to the control circuit.

Four LEDs show the system conditions (i.e. power supply on, fault signal etc). A timer is incorporated to provide a selectable run period of up to 10 minutes.

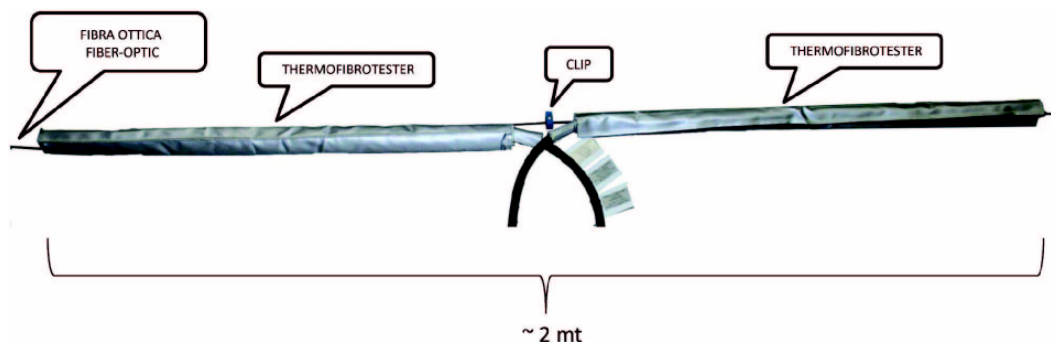
Operating mode is very friendly and can be used from one man without any additional tools.



It's possible to use the ThermoFibroTester without disassembling the installing clips\* and it works with all kind of fiber-optic cables and Distributed Temperature Sensing systems\*\*. ThermoFibroTester is equipped with a carrying case.

### Technical specifications

- Power supply: 230Vac
- Current consumption: Max 1,5A
- Power consumption: Max 350W
- Timer: 1 to 10 Minutes (selectable)
- Dimensions of heating sleeve: 2 x 900x170x20 (mm)
- Weight of heating sleeves: 2 x 1000g
- Control unit status: 4 LEDs
- Dimension of control unit: 240x160x80 (mm)
- Weight of control unit: 1000g
- Carrying case (440x350x170mm)



\* For clips installed one per meter

\*\* See user's manual for further information

The manufacturer reserves the right to change specifications without obligation and without further notice