

## TE-18 Contact Heat Resistance Tester EN ISO 12127-1

### Purpose:

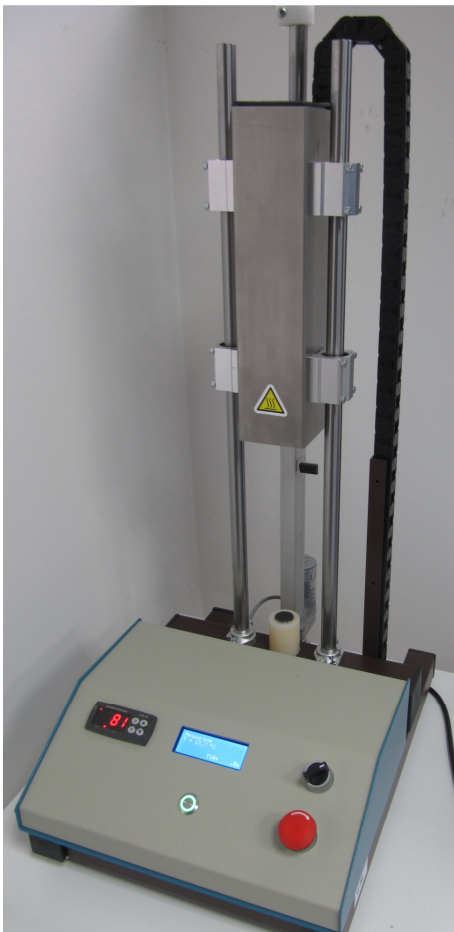
Apparatus is intended for determination of contact heat transmission through protective clothing or constituent materials were contact heat produced by heating cylinder.

### Apparatus is made according to the requirements and apply for the tests according to the following standards:

**ISO 12127-1:2015** Clothing for protection against heat and flame -- Determination of contact heat transmission through protective clothing or constituent materials -- Part 1: Contact heat produced by heating cylinder.  
**EN ISO 12127-1:2015**

### Description of the device:

The device consists of movable heating block with heating cylinder, calorimeter, electronic devices for raise the temperature of the heating cylinder to the chosen testing temperature and maintain this temperature (up to 500°C) and alpha numerical LC display which display current temperature of the calorimeter and threshold time is seconds.



### Operating principle:

The heating cylinder is heated to and maintained at the contact temperature and a test specimen is placed on the calorimeter. The heating cylinder is lowered onto the test specimen supported by the calorimeter. The operation is carried out at a constant speed. The threshold time is determined by monitoring the temperature of the calorimeter.

**Dimension:** (L) 360 x (W) 470 x (H) 900 mm

**Weight:** 20 kg

**Power supply:** 230 V ~ 50 Hz;



The right is reserved to alter the specification or modify the appearance without notice