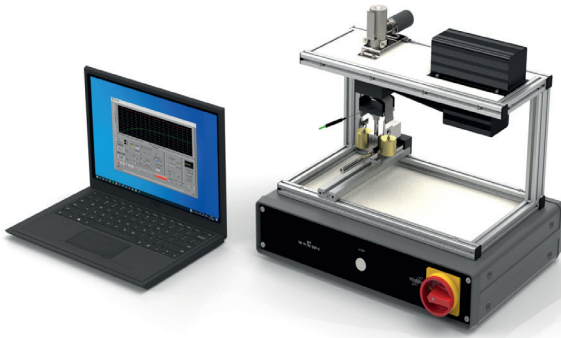


# THERMOMETRY

## SPT – DIN EN ISO 12127-2 EN ISO 12127-2



### SCOPE

The standards DIN EN ISO 12127-2 and ISO 9150 define a test method for heat transmission and for the behavior of the properties of protective clothing materials when hit by hot metal drops, especially when these get stuck in the fabric folds.

### PRINCIPLE

A steel cylinder heated to approx. 600 °C in a furnace is dropped onto a 20 °C cold specimen. The first step is to check whether a hole is formed. If not, the second part of the test uses a calorimeter to determine the maximum temperature rise on the specimen.

### FEATURES

Automatic recording of measurement data by the device software

### SCOPE OF DELIVERY

Test device SPT - DIN EN ISO 12127-2  
Steel cone with thermocouple  
Specimen support  
Specimen support with calorimeter  
Notebook  
Software  
Windows 10  
DIN EN ISO 12127-2  
MCC DAQ

### DIMENSIONS

Width x depth x height: 471 x 331 x 413 mm\*  
Weight: approx. 20 kg

### SUPPLIES

230 VAC 50/60 Hz, 150 VA

### SENSORS

Calorimeter specimen temperature  
Thermocouple steel cone

### TO BE PROVIDED BY THE CUSTOMER

Furnace capable of a temperature of at least 1000 °C, internal dimensions approx. 110 mm × 140 mm × 160 mm

\* Our products are constantly evolving. For this reason, the actual dimensions may differ.

