

## SPT – DIN EN 348

EN 348 | ISO 9150



### SCOPE

The test device SPT DIN EN 348 is used to test the behavior of materials for protective clothing when they are hit by small metal splashes.

### PRINCIPLE

A steel wire is pushed into an acetylene-oxygen flame by a motor and melts. The resulting metal drops fall into a funnel, which directs them to the specimen. There is a sensor behind the specimen that measures the temperature rise on the specimen's surface caused by the impacting metal drops. The number of drops produced is counted until the temperature on the surface of the specimen rises by 40 °C. On this basis, different materials can be compared.

### FEATURES

The burner and wire feed are controlled electronically using a notebook. This also records the measurement data.

The number of drops is counted automatically. Alternatively, this can also be done manually using a wired remote control.

The specimen holder can be swiveled so that it can easily be loaded from the front.

### BESTANDTEILE

- Test device, consists of frame with test chamber
- Control unit
- Notebook
- Software DIN EN 348 for Windows 7/8/10, LabVIEW based
- 2 Sensors (Platin Resistor acc. to NF C 42-330)
- Wired remote contro

### DIMENSIONS

Width x depth x height: 1510 x 630 x 1660 mm\*

Weight: approx. 80 kg\*

### SUPPLIES

Electrical voltage 230 VAC 50/60 Hz, 150 VA

Acetylene C<sub>2</sub>H<sub>2</sub>, coupling G3/8LH

Oxygen O<sub>2</sub>, coupling G3/8LH

### TO BE PROVIDED BY THE CUSTOMER

Exhaust hood

### SPATIAL REQUIREMENTS

Installation area (W x D): min. 2500 x 2200 mm\*

### OPTIONAL ACCESSORY

Welding rods according to standard

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