



Instrument SPT – Compliant to ISO 9150 and EN 348

Application The Wazau-SPT-Test-Device allows tests compliant to ISO9150/EN348 to examine the behavior of protective cloths on impact of small splashes of molten metal.

Principle A motor is continuously driving a steel rod into a acetylene/oxygen flame at a constant velocity. The rod melts on flame exposure. Drops of molten metal fall down into a funnel which leads to the specimen. The specimen is mounted on the vertical surface of a calorimeter. The initial temperature of the calorimeter has to be stored when the first drop hits the specimen. The continuously impact of molten metal drops causes a rising temperature on the calorimeter. The quantity of drops, which is needed to increase the calorimeter temperature by 40K ,is the significant result of the test.

Components/Features

- ◆ Handy Test Rig
- ◆ Clamping specimen guidance
- ◆ Microprocessor operated Controls: Motor Control, Counter, Remote Control, Gas Control
- ◆ Digital, programmable flow meters
- ◆ Automatic calculation
- ◆ Easy handling



Specifications

Height: 667 mm test rig
 Width: 330 mm test rig
 Depth: 436 mm test rig
 Supply voltage: 230VAC, 50Hz
 Power consumption: 30W

