

TE-10 Influence of Fuel and Oil Tester

Purpose:

Apparatus is intended for one-sided exposure to fuel, oil and other agents to materials of protective clothing against the influence of precipitation (e.g. rain, snow), fog and ground humidity and materials for other use.

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

EN 343; Annex B Protective clothing Protective clothing – protection against rain – Test device for one-sided exposure to fuel and oil

Description of the device:

The device consists of aluminum support base plate (Bodenplatte) with 6 bolt and nut, cylinder with internal diameter of 113 mm for test agent that presses the specimen in a way that is tight enough to prevent diffusion to ambient atmosphere, screwed sealing plug and funnel for decanting test agent.

Dimension: Ø 160 mm x 55 mm;

Weight: 1,5 kg;

Operating principle:

The specimens of the outer shell material and liner or watertight liner in combination arrange in the test device that the surface to be tested face upwards. Press the specimen with cylinder in a way that is tight enough to prevent diffusion to ambient atmosphere and pour (50 ± 5) ml of test agent and expose for 60 min. Immediately after pouring out test agents should start (within 10 min) with the following examination of specimen (usually impermeability to water).

