

TSK 906 – Single Cable Test Device

Test procedure	<p>The test equipment is suitable for carrying out the tests of vertical flame spread using 1 kW flame of propane-air mixture for a wire or a single insulated line or cable.</p> <p>The test equipment is also suitable for evaluating falling burning drops/parts, when a wire cable, a cable, a line or a fiber optic cable is subjected to defined fire conditions – according to EN 60332 -1.</p>
Dimensions of the test equipment	<ul style="list-style-type: none"> Overall height: 2150 mm Overall width: 1390 mm Overall depth: 1075 mm
Weight of the equipment	165 kg
Operating voltage	100-230 VAC 50 Hz
Exhaust tube	Diameter: 200 mm
Volume chamber	1.3 m ³
Volume metal shield	0.16 m ³
Gas system	<ul style="list-style-type: none"> Mass Flow Controller for propane Supply: propane gas with a purity of at least 98% Flow rate: 0.016 – 0.8 nl/min C₃H₈ (Propane) at 20 °C Mass flow controller for air Supply: air Flow rate: 0.24 – 12 nl/min AIR at 20 °C
Calibration device	<ul style="list-style-type: none"> Diameter: 9 mm Weight: 10 g (± 0.05 g) Material: electrolytic copper CU-ETP USN C11000
Thermocouple	<ul style="list-style-type: none"> Type K thermocouple Sheath material for at least 1250 °C Limits of the thermocouple by class 1
Scope of delivery	<ul style="list-style-type: none"> 1x TSK 906 test equipment according to DIN EN 60332-1 1 x Touch display for burner control and calibration 1 x TSK 906 calibration device for 1KW burner consisting of thermocouple with copper block (10g) 1 x TSK 906 sample holder according to EN60332-1-2 1 x TSK 906 sample holder for calibration unit 1 x TSK 906 burner gauge according to EN60332-1-2 1 x TSK 906 manual on USB stick