

G010146

Mains Heat Detector Tester

HL1910E

Part no. 5100509-00A

System: All Salwico fire alarm systems

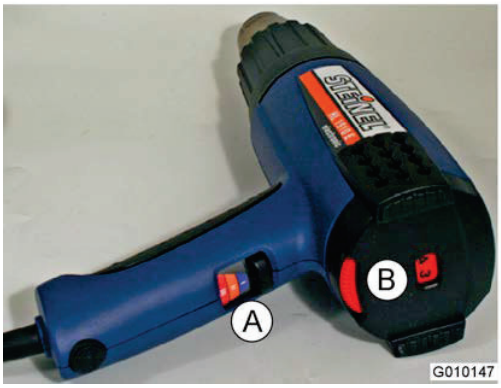
General Description

The HL1910E is a mains heat detector tester for Salwico heat detectors. It is suitable for point type, rate of rise, fixed temperature and combination detectors up to 150 °C.

The tester has variable temperature and airflow control for flexible use and maximum reliability.

The HL1910E does require a power cord / mains lead of 230-240 VAC.

Instructions For Use



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1. When using the heat detector tester connect the power cord to the mains outlet.
2. Switch on the three-stage speed / air flow control (A) to stage II.
3. Select the temperature with the thumbwheel (B) according to the detector class. Please refer to the following table.

Table 1. Test specifications for stage II

Detector Class	Minimum Static Response Temperature °C	Maximum Static Response Temperature °C	Thumb-wheel Setting
A1	54	65	Step 2
A2	54	70	Step 3
B	69	85	
C	84	100	
D	99	115	Step 4
E	114	130	
F	129	145	

Distance from the detector

The tester should be held in a distance of approximately 8 cm (3 inches) from the heat sensing element of the detector.

If the response time gets long because of e.g. a strong wind, the tester can be kept closer to the heat sensor of the detector.

After finishing the test

Turn off the detector tester.

DANGER!
Please beware of the very hot part at the air outlet of the tester, which can cause personal injuries, damage material or create fire

Data

Mains voltage	230 – 240 V, 50 Hz
Output	2000 W
Stage 1: - Airflow - Temperature	 150 l/min 50 °C
Stage 2: - Airflow - Temperature	 300 l/min 50 – 600 °C
Stage 3: - Airflow - Temperature	 500 l/min 50 – 600 °C
Temperatur setting	Contin. in 9 steps by thumbwheel
Protection class (without earth terminal)	II
Overheating protection	Thermal cut-out only
Emission sound pressure level	≤ 70 dB (A)
Total vibration value	≤ 2.5 m/s^2 / K=0.08 m/s^2
Weight	0.8 kg

Accessories



Figure 1. Part No. 5100515-00A Case for HL1910E.
Note: Case only, heat detector tester is not included.