

# Infra-Red Heat Platen - Type 5503

## 5000 Series Test Equipment



Patols Infrared Heat Platen is used to test and commission the 5000 series detectors. The platen uses a rapid controllable thermal energy that provides no visible sign of heat, by producing black body Infrared emissions.

The Patol platen is passed underneath the detectors field of view triggering an alarm.

The chart (below) indicates the correlation between the temperature and size of 'hot spot' anomalies for a typical 5000 series installation to produce one or more detector channel activations at various trigger level settings.

Exact response is dependant on the emissivity factor of the monitored material, sensor orientation and target speed.

### Specification

<b>Dimensions:</b>	14 x 14 x 7 cm
<b>Material:</b>	Stainless Steel / Plastic casing
<b>Temperature:</b>	Approx. 350°C—Adjustable
<b>Voltage:</b>	230Vac 500W
<b>Plug:</b>	Power cord 1m
Durable cast iron heating plate, heating zone 80mm dia.	
Infinitely variable temperature via thermostat	
Integrated cord storage	

### Important Safety Instructions

- DO NOT immerse cord, plug or the device in water or other liquid.
- DO NOT operate any appliance with a damaged cord or plug.
- DO NOT attempt repairs yourself. If damaged return the product to Patol or safely discard the product.
- CAUTION: Hot surfaces, avoid contact with metal cage whilst the unit is in operation.
- DO NOT unplug by pulling on the cord. To unplug, grasp the plug, not the cord.

### Ordering Information

Description	Part Number
Infrared Heat Test Platen	721-003
<b>Used with the following detectors:</b>	
<b>5410:</b> Polycarbonate detector with air purge blower	710-007/710-009
<b>5010:</b> Aluminium detector with air purge blower	710-002/710-003
<b>5011:</b> Aluminium detector, with compressed air purging	710-005
<b>5012:</b> Stainless Steel detector with Compressed air purging	710-006

