Infra-Red Heat Platen - Type 5503

5000 Series Test Equipment



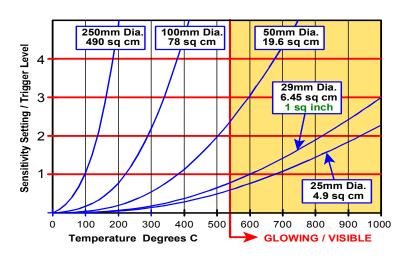


Patols Infrared Heat Platen is used to test and commission the 5000 series detectors. The platen uses a rapid controllable thermal energy that provides no visible sign of heat, by producing black body Infrared emissions.

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 dependent on the emissivity factor of the monitored material, sensor orientation and target speed.



Specification

Dimensions:	14 x 14 x 7 cm	
Material:	Stainless Steel / Plastic casing	
Temperature:	Approx. 350°C—Adjustable	
Voltage:	230Vac 500W	
Plug:	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	
Used with the following detectors:			
5410:	Polycarbonate detector with air purge blower	710-007/710-009	
5010:	Aluminium detector with air purge blower	710-002/710-003	
5011:	Aluminium detector, with compressed air purging	710-005	
5012:	Stainless Steel detector with Compressed air purging	710-006	