

**P S ANALYTICAL 10.525 SIR GALAHAD II**

The P S Analytical 10.525 Sir Galahad II enables the determination of mercury in a wide range of gaseous media, including; ambient air, natural gas and stack gases. The Sir Galahad is based on amalgamation with atomic fluorescence spectrometer.

The P S Analytical Merlin detector offers the sensitivity to be able to measure low levels of elemental mercury with minimal sampling requirements. Combining the detector with a specific gold amalgamation trapping mechanism using Amasil™ traps provides the key to offering a complete monitoring system.

The equipment has been designed to support a wide range of applications.

**Specifications**

<b>General:</b>	Mercury free
<b>Temperature:</b>	5 <sup>0</sup> – 40 <sup>0</sup> C
<b>Altitude:</b>	Up to 2000 metres
<b>Humidity:</b>	Max. relative humidity 80% for temperatures up to 31 <sup>0</sup> C decreasing linearly to 50% relative humidity at 40 <sup>0</sup> C.
<b>Use:</b>	Indoors
<b>Ingress Protection:</b>	IP20
<b>Installation category:</b>	II
<b>Pollution degree:</b>	2
<b>Weight:</b>	15.0 kg

<b>Electrical Supply</b>	
<b>Voltage:</b>	230 V AC at 50 Hz and stable 120 V AC at 60 Hz and stable
<b>Power:</b>	192VA
<b>Class:</b>	1
<b>Voltage Tolerance:</b>	± 10%
	Mains connections is by IEC lead
	If the instrument is used in a manner not specified, the protection provided by the instrument may be impaired.

*The instrument must be earthed.*