

Universal Analyzers offers probe tubes in a wide variety of lengths and materials. Temperature, flow velocity and gas stream components determine which material will best fit your application. Stainless Steel, Hastelloy®, Inconel® and Ceramic are common probe tube materials.

Special supported probe tubes can be provided for high velocities such as downstream of a simple cycle turbine.

We also provide probe tip filters for high dust applications and heated probe tubes for applications where dew point presents a corrosion problem at the transition from the point of measurement to the heated sample probe.



Probe Tube Material

Max Temperature

316 SS.....	1100°F / 593°C
<i>(Resistance to H2S)</i>	
Inconel®	1900°F / 1037°C
<i>(Do not use if Sulfur is present)</i>	
Hastelloy® C 276	2000°F / 1093°C
<i>(Good Chlorine resistance)</i>	
310 SS	2000°F / 1093°C
<i>(Resistance to Sulfur)</i>	
HR-160	2200°F / 1177°C
<i>(Excellent resistance to Sulphidation and Chloride attack)</i>	
Ceramic	2600°F / 1426°C
<i>(Protect from mechanical impacts)</i>	



Probe Tube Options

- Probe Tip Filter
- High Velocity Probe Tube
- Probe Tip Demister
- Heated Probe Tube (HPA)

