

## Photoionization Detector (PID) Lamps

### *Proven Technology and High Quality Fabrication!*

Astraglass Innovations is a leading manufacturer of precision glassware and components for research and scientific industries. We are pioneers in the development of PID lamps. Using our proprietary processes, we are manufacturing the highest quality and most efficient PID lamps known to the market.

Our proprietary technique was used to develop the first stable, dependable, long-lived glow discharge lamp functioning in the vacuum ultraviolet (VUV). Major applications include laboratory analysis of samples for volatile organics (VOCs), field monitoring of air and soil, and personnel safety in confined spaces.

Astraglass Innovations offers a wide range of lamps for the most popular analytical and monitoring units, including SRI, Thermo, Photovac, OI Analytical, Varian, Perkin-Elmer, and Baseline-Mocon.

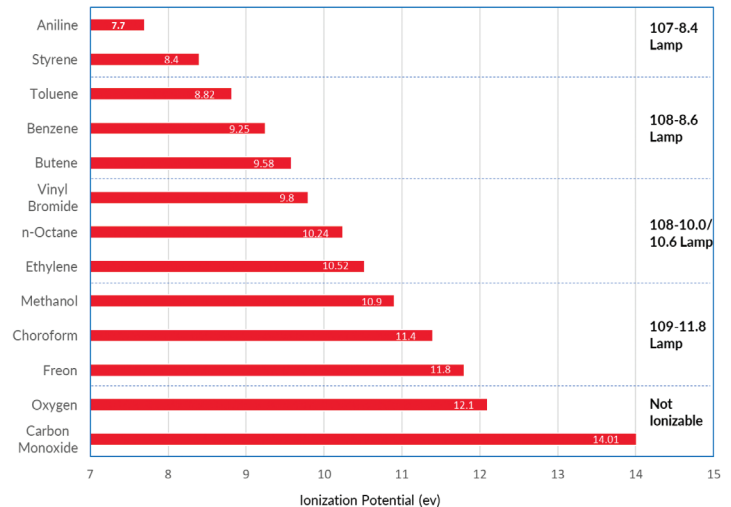


103 SERIES

108 SERIES

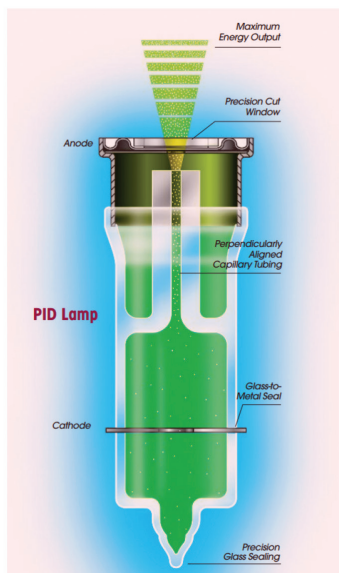
### Features:

- **Quality Production** — ensures product stability and sensitivity
- **Widest Range of Lamps** — allows flexibility to meet application needs
- **Experienced Customer Service** — assures prompt, accurate answers to questions



**Astraglass Innovations' PIDs are Extensively Tested and 100% Inspected**

Astraglass Innovations offers a complete selection of both standard and high output lamps. Manufactured to stringent quality control standards, all lamps are tested and inspected before being packed for shipment to ensure that they are in excellent operating condition.



**Attention to Detail Assures Quality at Critical Points in the PID Lamp**

The processes used to produce PID, and the attention paid by the glassblowers ensures the highest possible quality at critical points in the lamp manufacture.

Precision cutting and glass sealing provide excellent protection against leaks. Precision control of dimensions ensures proper fit in your unit. Astraglass Innovations maintains an inventory of standard PID replacement lamps for quick delivery.

**High-Quality, Cost-Effective Replacement Lamps for Popular Analytic Devices**

Astraglass Innovations produces standard replacement PID lamps for a wide range of instruments used to analyze air, water, and soil samples.

**PID LAMP MODELS**

**510103 1000–HNU Style 10.0/10.6 eV PID Lamp**

The original PID lamp used in HNU style instruments.

**510103 1061–HNU Style 10.0/10.6 eV BTEX (High Output PID) Lamp**

33% more output than the Model 510103 1000 gives this lamp greater sensitivity to the presence of VOCs.

**510108 1000–Standard size 10.0/10.6 eV PID Lamp**

This is the most popular of our line of PID lamps. It is similar to the Model 510103 1000, but utilizes a smaller, more efficient envelope.

**510108 1061–Standard size 10.0/10.6 eV BTEX (High Output PID) Lamp**

33% more output than the Model 510108 1000 gives this lamp greater to the presence of VOCs.

**10200 001–Lab-Crest® PID Lens Polishing Kit**

This kit contains a carefully prepared, very fine iron oxide powder and swabs, as well as step-by-step directions to restore the working efficiency of your lamp.

MANUFACTURER	MODEL	PID SERIES
Thermo Electron	580 Series	510 108
Thermo Electron	TVA1000B	510 108
OI Analytical	4552	510 108
Agilent	4430	510 108
Varian	(See OI Analy 4430)	510 108
SRI	(See OI Analy 4430)	510 108
Baseline-MOCON	8610C	510 108
Photovac	8800PID & 8900	510 108
Photovac	2020 Series	510 108
DPS Instruments	600 Series	510 108
Perkin-Elmer	AutoSystem XL	510 108
HNU	All Models	510 103
SRI	Older Models	510 103
Perkin-Elmer	AutoSystem XL	510 103