



## Andrews' Photoionization Detector (PID) Lamps Offer Proven Technology and High Quality Fabrication – Backed by Decades of Customer Service

Recognized as a leading producer of custom engineered glass products and components for over half a century, Andrews Glass Company is meeting the demands of a growing market with the highest quality, most efficient PID lamps available. Combining extensive glass fabrication capabilities with proprietary processes, we are the pioneers in the development of PID lamps, producing our PID products in a modern manufacturing facility located in Vineland, NJ. This combination of proprietary technology, advanced manufacturing capabilities, and decades of experience positions Andrews as a leading supplier of PID lamps.

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.

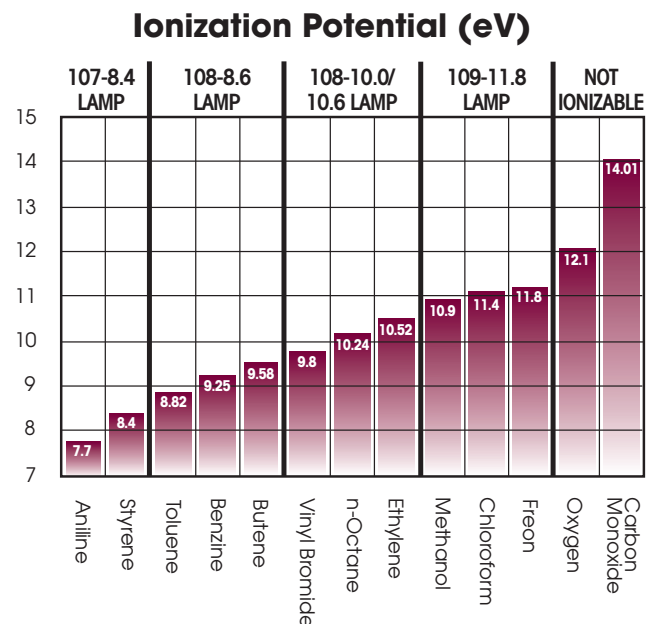
Andrews offers a wide range of lamps for the most popular analytical and monitoring units, including SRI, Thermo, Photovac, OI Analytical, Varian, Perkin-Elmer, and Baseline-Mocon.

### Andrews' PIDs feature:

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



Andrews' PIDs cover the widest possible range of chemicals with the most comprehensive range of lamps.



## Andrews' PIDs are Extensively Tested and 100% Inspected

Andrews 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.

### 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 sensitivity to the presence of VOCs.

#### 510200 001–Lab-Crest® PID Lens Polishing Kit

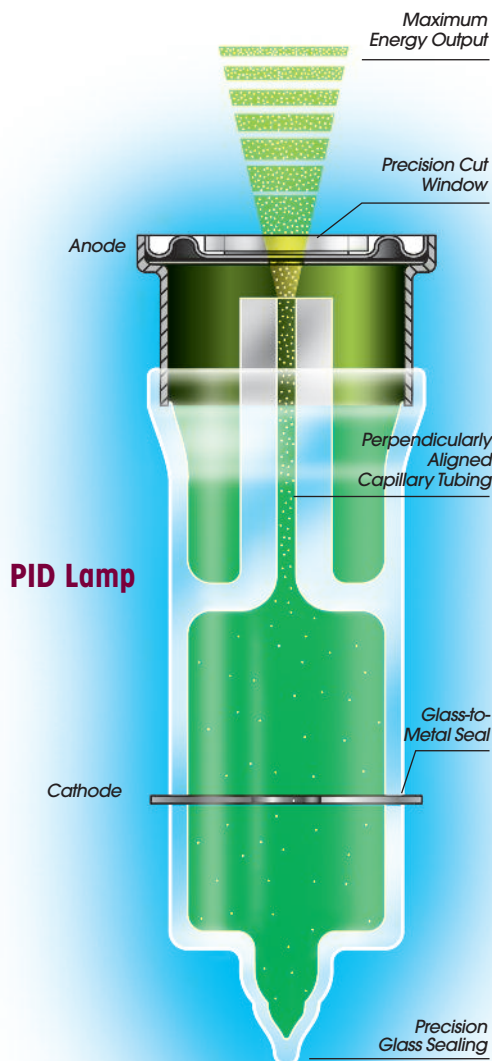
This kit contains a carefully prepared, very fine iron oxide powder and swabs, as well as step-by-step directions to restore the working efficiency of your lamp.

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

The processes used to produce an Andrews PID and the attention paid by the glass artisans ensure the highest possible quality at critical points in the lamp manufacture. Precision cutting, glass-to-metal sealing, and glass sealing provide excellent protection against leaks. Precision control of dimensions ensures proper fit in your unit. Andrews maintains an inventory of standard PID replacement lamps for quick delivery.

### High Quality, Cost Effective Replacement Lamps for Popular Analytic Devices

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



Manufacturer	Model	PID Series
Thermo Electron	580 Series	510 108
Thermo Electron	TVA1000B	510 108
OI Analytical	4552	510 108
OI Analytical	4430	510 108
Agilent	(See OI Analy 4430)	510 108
Varian	(See OI Analy 4430)	510 108
SRI	8610C	510 108
Baseline-MOCON	8800PID & 8900	510 108
Photovac	PetroPRO	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



For application assistance or other information call 1-800-845-0026, visit [andrews-glass.com](http://andrews-glass.com) or [laserglasscomponents.com](http://laserglasscomponents.com)

ISO 9001:2008 Certified