

Pen-Ray Zinc and Cadmium Lamps

Description

Zinc and Cadmium Lamps are designed primarily for use with UV absorption cells and detectors and are frequently used in air pollution monitoring devices.

Zinc lamps can also substitute for deuterium lamps in some applications due to the zinc lamps' superior thermal stability, long life and prominent 214 nm energy peak.

The electrical leads enter the lamp base either at the perimeter of the base (side/radial leads) or straight into the center of the base (end/axial leads)

Lead lengths are also optional.



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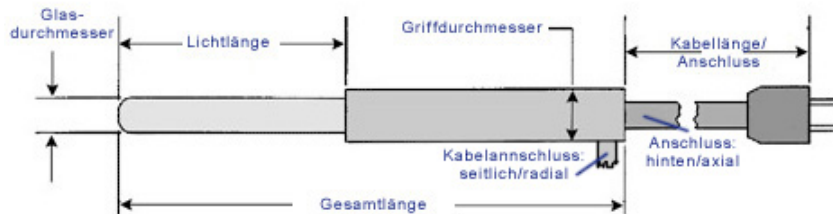
Applications

- Air pollution monitoring
- Analytical Instrumentation
- Wavelength Calibration
- Spectroscopy

Specifications

Wavelength	214 nm energy peak
Electrical Leads	Side/radial or end/axial
Zinc Lamp Dimensions	Total Length: 110 mm Lighted Length: 20 mm Quartz Diameter: 18 mm
Cadmium Lamp Dimensions	Total Length: 110 mm Lighted Length: 24 mm Quartz Diameter: 18 mm

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Technical Data / Models

Part Number	Lighted Length	Total Length	Quartz Diameter	Handle Diameter	Gas Fill	Cord Length/ Connector	Recommended Power Supply
110.6506 (90-0069-05)	20 mm	110 mm	18 mm	No Handle	Zinc	203 mm Radial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
110.6507 (90-0069-06)	20 mm	110 mm	18 mm	No Handle	Zinc	203 mm Axial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
110.6509 (90-0069-07)	20 mm	110 mm	18 mm	No Handle	Zinc	305 mm Radial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
(90-0096-16)	20 mm	110 mm	18 mm	No Handle	Zinc	305 mm Axial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
(90-0069-11)	20 mm	110 mm	18 mm	No Handle	Zinc	432 mm Axial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
(90.0069-14)	20 mm	110 mm	18 mm	No Handle	Zinc	356 mm Axial Leads	PS-9 (230 V) 110.6523 (99-0033-02)
110.6511 (90-0071-06)	24 mm	110 mm	18 mm	No Handle	Cadmium	203 mm Radial Leads	PS-9 230 V 99-0033-02