

Inda-Gro Model No: UV-200A Electrodeless Induction Sterilizer

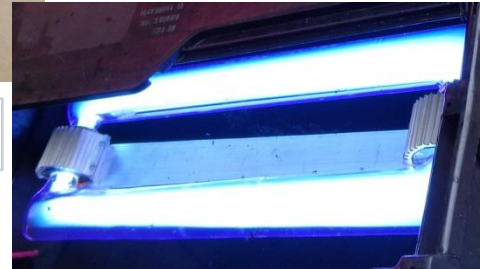
Our Electrodeless Induction Sterilization technology is based on Mercury excitation by exposure to microwave frequency. We accomplish this by using quartz glass tubing with no phosphor coating. The Mercury vapor is excited via electromagnetic coils causing its primary 253.6 nm emission. This UVc wavelength is very effective for bacterial sterilizing applications. The quartz glass will pass the UVc wavelength with minimal attenuation and also has minimal thermal expansion characteristics making it extremely resistant to thermal shock. The intended use of this device is germicidal sterilization of air. We have another version of this lamp that can be submerged for purification of pathogen rich water.



Our UV200A sterilization lamp



Highly pure quartz glass construction transmits >95% of the UVc generated.



Our UV-200W Electrodeless induction lamps for direct contact in submersible applications.

Features:

- UVc (line of sight) and Ozone producing (non-line of sight) sterilization.
- Electrodeless Induction virtually eliminates the failure modes and wear out mechanisms associated with electrode type sterilizers.
- Minimal lamp solarization over the 50K hour life span.
- Wireless remote control with adjustable audible piezo horn to indicate the unit is running.
- Adjustable tripod allows for a single or dual lamp installation.

Product Specifications:

200 Watts - Power Factor 0.99 - THD <10%
Universal Voltage Driver operates on 120-277v 50-60Hz circuits.
Doses based on UVc only: 40,000 $\mu\text{J}/\text{cm}^2$ - 1 minute per 10 ft^2 area.
Allows programmed runtime settings of 5,10,15 and 20 minute intervals.
50K hour rated life



Inda-Gro Induction Grow Lights
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www.inda-gro.com