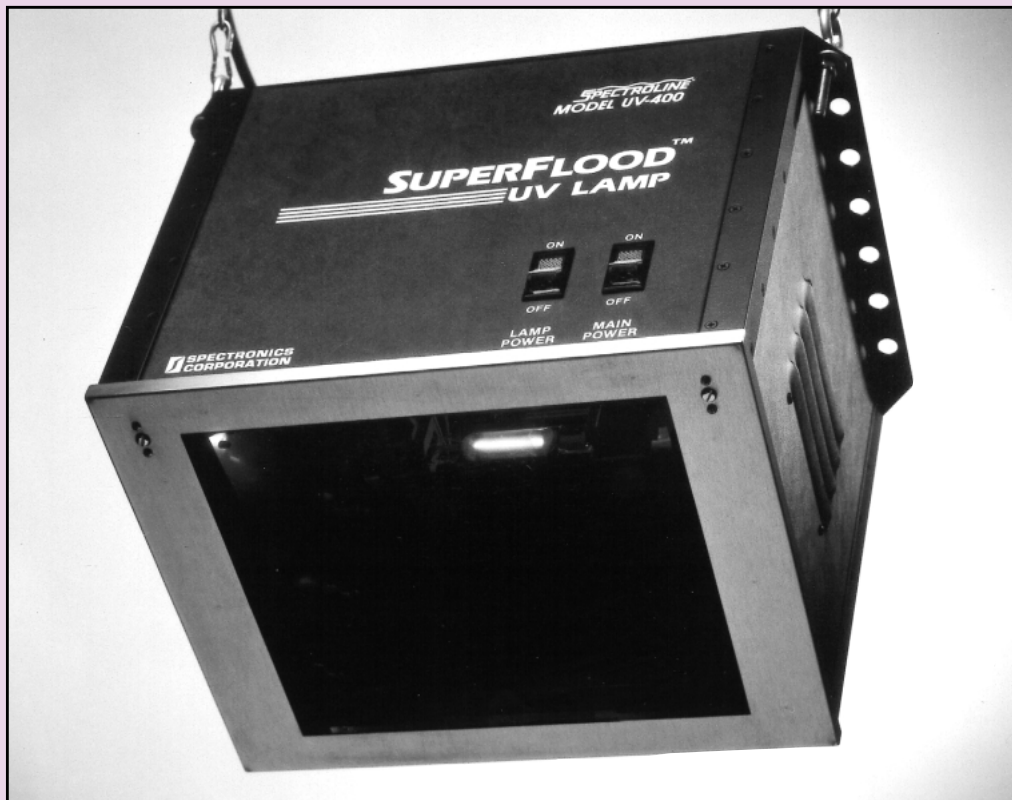


**SPECTROLINE® Model UV-400 SuperFlood™**  
*The World's Most Powerful UV Flood Lamp for NDT*



- **Super Powerful** — 400-watt metal halide bulb provides an *unmatched* steady-state intensity of 6,500  $\mu\text{W}/\text{cm}^2$  at the lamp's center, measured at a 15-inch distance
- **Provides the Widest Dispersion** — Irradiates an area as large as 24 x 10" with *unequalled* uniformity, producing a steady-state irradiance of not less than 2,000  $\mu\text{W}/\text{cm}^2$  at 15 inches
- **Versatile** — Ideal for fluorescent penetrant and magnetic particle inspection, parts degreasing inspection, and wash station inspection
- **Safe** — Unlike competitors' lamps, its unique twin-filter system *eliminates* hazardous UV-B radiation to protect users
- **Meets or Exceeds MIL Specs** — Satisfies military and commercial requirements
- **Compact and Lightweight Design** — Easy to transport and use
- **Can Be Placed Anywhere** — Built-in mounting capability assures easy positioning, even in previously inaccessible areas

*Built tough and backed by Spectronics Corporation...  
the world leader in UV technology since 1955*

### Unprecedented Power

With an average steady-state UV-A (320-400nm) intensity of 6,500  $\mu\text{W}/\text{cm}^2$  at its center, measured at a 15-inch (38.1cm) distance, the Spectroline® Model UV-400 SuperFlood™ Lamp is the world's most powerful UV flood lamp for NDT. It can irradiate an area as large as 24 x 10" with unmatched uniformity, producing a steady-state UV-A irradiance of not less than 2,000  $\mu\text{W}/\text{cm}^2$  at 15 inches. The UV-400 contains a super-powerful 400-watt bulb combined with a tempered, heat-resistant, twin-UV filter, which is especially resistant to solarization. This winning combination of a powerful bulb and unique filter design provides inspectors with the highest intensity over the largest area. Yet it's safe. Unlike competitors' high-power units, the UV-400 emits no harmful UV-B (280-320nm) radiation.

### Extremely Versatile

This remarkable 400-watt unit is ideal for fluorescent penetrant and magnetic particle inspection, parts degreasing inspection, and wash station inspection. The UV-400's compact, lightweight design and built-in mounting features assure that it can be chain- or ceiling-mounted over automated magnetic particle systems or above penetrant inspection booths. In fact, this UV lamp provides the most accurate inspections of even the largest parts — even in the most inaccessible areas!

### Innovative Features

The UV-400's twin-filter system makes it completely unique in design. A specially coated, parabolic reflector maximizes the lamp's UV-A output. A powerful internal cooling fan is precisely positioned to assure that the UV-400 runs at its optimum temperature to maintain the highest irradiance during continuous operation. A sturdy, hinged filter assembly allows easy maintenance with the least downtime.

### Specifications

Model	UV-400
UV Wavelength	320-400nm
Steady-State UV-A Intensity at Center	6,500 $\mu\text{W}/\text{cm}^2$ at 15" (38.1cm)
UV Source	400-Watt Metal Halide Bulb
Filter Dimensions	10¼ x 11" (26.0 x 27.9cm)
Housing Dimensions	15L x 12W x 12"H (38.1L x 30.5W x 30.5cmH)
Net Weight	36 lbs. (16.3kg)

*Specifications and Features Are Subject to Change Without Notice*



**SPECTRONICS  
CORPORATION**  
956 Brush Hollow Road, P.O. Box 483  
Westbury, New York 11590  
800-274-8888 • 516-333-4840  
Fax: 800-491-6868 • 516-333-4859  
[www.spectroline.com](http://www.spectroline.com)

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