



# Stroud Systems, Inc

Providing Material Testing Solutions Since 1962

## BIB-150P Built-In-Ballast UV Lamp

**Precision engineered** to produce super-high ultraviolet intensity and performance at an economical price. Improved, crack-resistant filter minimizes visible light (less than 2 foot-candles or 20 lux) while maximizing longwave UV irradiance. The BIB-150P easily meets MIL and ASTM specs for FPI and MPI.

**Unique engineering polymer housing** makes this lamp extremely impact-resistant and dent-proof.

**150-watt Built-In-Ballast™ bulb** requires no heavy external transformer. As a result, the bulk and weight are gone, yet all the power of a transformer-based unit remains.

**Lightweight and ergonomically designed** — The hand-held BIB-150P lamp has a total weight of only 3¼ pounds (1.5kg). The lamp head, including the heat guard/stand, measures 9 5/8 inches (24cm) long. The power cord exits directly from the bottom of the contoured pistol-grip handle, resulting in better balance.

**Unsurpassed safety and convenience** — The vinyl-coated, stainless-steel, wraparound heat guard/stand protects against burns and acts as a lamp stand. Its special insulators absorb mechanical shock to extend bulb and filter life. The 3-wire power cord, made of heat-resistant material, reduces the risk of shock hazard. Because there's no bulky transformer to drag around and it has an 8-foot (2.5m) power cord, you can use it anywhere. If an even longer reach is desired, order the Spectroline model BIB-150PX with a 20-foot (6m) power cord or the model BIB-150PR with a 30-foot (9m) retractable cord on a "flying" reel.

**Choice of bulbs provides unbeatable versatility.** The BIB-150P can be supplied with a concentrated spot bulb for an intense UV beam. This bulb produces a nominal steady-state 365nm intensity of 4,500 µW/cm<sup>2</sup> at 15 inches (38cm). If wider-area coverage is desired, specify the broad-beam bulb. This bulb produces an intensity of 1,500 µW/cm<sup>2</sup> at 15 inches. Both bulbs have an average rated life of 5,000 hours and are specially designed to withstand rough use.

**Special Bulb-Saver™ extends bulb life.** To greatly reduce replacement costs due to broken bulbs, we include our unique Bulb-Saver at no extra charge. It minimizes bulb movement during handling, reducing the risk of breakage.

**Flexible, silicone rubber filter holder** is easily removable without tools for bulb or filter replacement.



SPECIFICATIONS	
<b>Voltage</b>	120, 230, 240, & 100 VAC versions available
<b>Bulb Rating</b>	150 watts
<b>Operation</b>	5-minute warm-up time
<b>Lamp Head Diameter x Length of Housing</b>	6 3/4 x 10¼" (17.1 x 26cm)
<b>Weight</b>	3¼ lbs (1.5kg)
<b>Cord Length</b>	8 ft (2.5m) Optional: 20 ft (6.1m) and 30 ft (9m)

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