

SPECTROLINE[®] SB-100P

Super-High-Intensity Ultraviolet Lamp

IMPROVED!



- Super-high ultraviolet intensity
- Unique engineering polymer housing is impact- and heat-resistant as well as dent-proof
- Tougher cordset is heat- and crack-resistant
- Lamp head is ergonomically designed for easy handling

Ideal for

- Nondestructive testing
- Quality control
- Fluorescent leak detection
- UV curing
and much more!

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



Designed for maximum efficiency and versatility.

The SB-100P UV lamp produces super-high UV intensity without excess visible light! Developed to make your work easier, the SB-100P is precision-engineered for use in countless applications. It is perfect for nondestructive testing, quality control, UV curing, leak detection and much more.

Choice of spot or flood bulbs provides widest range of applications.

The SB-100P can be equipped with your choice of two bulbs, each with a rated life of 5,000 hours. The spot bulb provides a concentrated beam with a steady-state 365nm intensity of 4,800 $\mu\text{W}/\text{cm}^2$ at 15 inches (38 cm), while the flood bulb (available with 120V and 100V models only) produces a broader beam of 1,200 $\mu\text{W}/\text{cm}^2$ at 15 inches. The SB-100P has a very low visible light emission of under two foot-candles (20 lux) to assure compliance with military and aerospace industry specifications.

Combines new state-of-the-art innovations with proven features.

The SB-100P was designed with the needs of the industry in mind. Its lamp head and transformer base housings are constructed of a rugged engineering polymer that virtually eliminates dents, cracks and scratches. The cord is made of a heat and crack-resistant material. It exits from the stay-cool, contoured handle, which prevents tangling. The crack-resistant, tempered filter dramatically reduces replacement costs. The lamp head easily lifts from the metal handle of the transformer base for comfortable hand-held use. For bench use, it can be conveniently rotated 360° when mounted on the base handle. The SB-100P is now more effective than ever with a positioning pin that enables inspection at a 45° angle.

Unique 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 normal handling, reducing the risk of breakage.

Tough, dependable and safe.

To reduce shock hazard, the SB-100P comes equipped with a special heat-resistant, 3-wire secondary cord and a fully enclosed encapsulated ballast. The primary and secondary cords are both 8-feet (2.5 m) long. Also available are the SB-100PX which comes with a 20-foot (6m) secondary cord and the SB-100PXR which is equipped with 20-foot primary and secondary cords. The lamp head is only 7½ inches (19 cm) long and weighs just 2½ lbs. (1.1 kg). The SB-100P is UL listed and CE approved; a CSA-approved version is also available. The entire unit, including the transformer base, weighs 11½ pounds (5.2 kg).

Flexible, silicone rubber filter holder.

The filter holder is easily removable *without tools* for bulb or filter replacement.

FREE UV-absorbing glasses included with every lamp.

The SB-100P, SB-100PX, SB-100PXR lamps are available for these line voltages:

120V/60Hz	230V/50Hz	240V/50Hz	100V/50-60Hz
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HGS-100A Heat Guard/Stand

The vinyl-coated, stainless-steel HGS-100A makes the SB-100P lamp operation safer by protecting against accidental burn injury. Special insulators keep it from touching the lamp housing, thus minimizing heat conduction.

The HGS-100A helps prevent mechanical shock damage, resulting in substantial savings on bulb and filter replacement costs.

In addition, the HGS-100A acts as a convenient stand so that the lamp head can be placed filter-side down on a level surface without damage to the lamp.

WM-100 Wall Mount

The WM-100 is a sturdy metal bracket for wall mounting. It features an adjustable pin so the SB-100P lamp head can be pivoted as desired. The WM-100 can be used for assembly line work or simply to store the lamp head when not in use.



FA-100 Flexible Arm

Designed for maximum versatility, the FA-100 measures 24" (61cm) when fully extended and allows 360° rotation of the lamp head. Used with either the W-6 wall mount or the B-6 bench mount, the flexible arm features an adjustable pin so the SB-100P lamp head can be pivoted as desired.



AF-100 UV-Transmitting Splash Guard

This exclusive accessory protects the glass filter from splattering liquids, such as water and penetrant wash. The AF-100 easily clips firmly onto the lamp head and is readily removable.




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