XX Series shortwave bench lamps use 254nm UV as a reliable and effective tool for decontamination in hospitals, research labs, pharmaceutical labs and clinics. Work areas and equipment can become contaminated with bacteria which may be passed via the air or by hand, infecting research projects and workers. Once the micro-organism is determined and how much energy is needed, divide the energy required (in units mw/cm² at 12 in. for the XX-15S) to calculate the total exposure time required to do the job.

** Place the lamp in an upward facing position for purifying air or facing downward for sanitizing work surfaces.

** Shortwave (254nm) ultraviolet can kill up to 99% of bacteria, mold spores, yeast and germs

** The UV intensity can be increased by bringing the lamp closer to object being sterilized

XX-15 Lamp Accessories
XX-15 lamp models can be attached to the Exposure Stand for exposure of materials to ultraviolet. Shelf is adjustable to set distances from the UV source.

** Exposure Stand shelf is adjustable to different levels for exposure of samples.

** Stand Dimensions: 209W x 19D x 19H in. (508 x 152 x 108mm)

** Weight: 8 lb (3.6 kg)

Optional UV transmitting filter for the XX-15S allows use for fluorescence applications.

** Filter Cover can be attached to the XX-15S lamp

## Blak-Ray® Fluorescent Inks

These Fluorescent Inks are ready-made and suited for use on many surfaces including skin, fabric and porous or textured materials. RI-10 and RI-20 inks are used for re-admittance at events. See pages 3-10 for selection of longwave lamps.

- ** Inks are economical
- ** Simple to use
- ** Inks are non-toxic

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Normal Color</th>
<th>Fluorescent Color</th>
<th>Used For</th>
<th>Used On</th>
<th>Applied By</th>
</tr>
</thead>
<tbody>
<tr>
<td>RI-10 Ink</td>
<td>Colorless Alcohol Base</td>
<td>Blue</td>
<td>Textile Marking</td>
<td>Skin or Fabric</td>
<td>Felt Pen, Stencil, Stamp and Pad, Brush, Automatic Marker, Roller</td>
</tr>
<tr>
<td>RI-20 Ink</td>
<td>Faint Yellow Alcohol Base</td>
<td>Green</td>
<td>Textile Marking</td>
<td>Skin or Fabric</td>
<td>Felt Pen, Stencil, Stamp and Pad, Brush, Automatic Marker, Roller</td>
</tr>
<tr>
<td>A-946 Ink</td>
<td>Colorless Solvent Base</td>
<td>Blue</td>
<td>Industrial Coding, Theatrical, Coupons, Security Printing, Raffle Tickets, Inventory Control, Advertising</td>
<td>Aluminum, ABS, Acrylic, Rubber, Calcium Acetate, Formica, Nylon, Polystyrene, Polyethylene</td>
<td>Roller, Felt Pen Stamp and Pad, Automatic Marker, Flexographic, Rotogravure,</td>
</tr>
</tbody>
</table>