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# HEI Fiber Optic Illuminators

The HEI-FOI-110 and HEI-FOS-OS fiber optic illuminators are compact and robust construction with good appearance, light and handy. The socket-connected modular design with solid connection for easy dismantling. Entire plastic housing, light in weight. Built-in aluminum alloy guard plate to prevent excessive heat from hurting the user. Anti-leakage antistatic contact-type clamping socket of exquisite design for safe and easy operation. Wide range of accessories and fittings: can be supported by various kinds of microscope annular fiber, single/double stand hard-tube fiber, soft-tube fiber, etc. Optional filters of various colors and effects are available according to the customer's requirement.

## HEI-FOI-110



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[Instructions for FOI Light Replacement](#)

### Fiber Optic Illuminator

- \* Rated Power Output: 15-150W
- \* Input Current: 1.5A
- \* Input Voltage: AC120V (or AC240V for optional)
- \* Input Frequency: 50/60HZ
- \* Dimension: 208mm x 105mm x 124mm
- \* Lamp Type: 21V 150W Halogen
- \* Life of Lamp: 200 Hour
- \* [Specifications:](#)

HEI-FOI-110 110 Volt **\$250.00** [Buy Now](#)

HEI-FOI-220 220 Volt **\$250.00** [Buy Now](#)

## HEI-FOI-FK



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### Fiber Optic Illuminator Filter Kit

- \* The filter kit includes (Red, Blue and Green slides)
- \* Daylight correction filter is included in the standard light source
- \* To be used with the HEI-FOI-110 Illuminator

HEI-FOI-FK **\$75.00** [Buy Now](#)

## HEI-FOI-RB



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### Replacement Bulb for the HEI-FOI-110

- \* 21V 150W Halogen Bulb
- \* Bulb can be replaced in seconds
- \* To be used with the HEI-FOI-110 Illuminator

HEI-FOI-RB **\$20.00** [Buy Now](#)

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## HEI-FOI-OS



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### Fiber Optic Illuminator (Old Style)

- ✦ Rated Power Output 15-150W
- ✦ Input Current 1.5A
- ✦ Input Voltage AC120V (or AC240V for optional)
- ✦ Input Frequency 50/60HZ
- ✦ Dimension 190mm x 180mm x 160mm
- ✦ Lamp Type: 21V 150W Halogen
- ✦ Life of Lamp: 200 Hour
- ✦ Weight: 3kg Fuse : 2A

**HEI-FOI-OS \$250.00** [Buy Now](#)

### Specifications:

Description	HEI-FOI-110	HEI-FOI-OS
Rated Power Output	15-150W	15-150W
Input Current	1.5A	1.5A
Output Current	1.5-7.5A	1.5-7.5A
Input Voltage	AC120V (or AC240V )	AC120V (or AC240V )
Input Frequency	50/60HZ	50/60HZ
Hold-up Time, normal AC input, full load	500ms	2s
Efficiency, normal AC line, full power	65%	85-95%
Temperature Range Operating	0•—40•	0•—45•
Temperature Range Storage	-25•-85•	-25•-85•
Relative Humidity, non-condensing	85%	85%
Illumination	≥100000Lux	≥100000Lux
Color Temperature	3000K	3000K
Spectrum Range	450-700nm	450-700nm
Dimension	190mm x 180mm x 160mm	208mm x 105mm x 124mm
Weight	4.25kg	3kg
Fuse	2A 5×20mm	2A 3×20mm
Lamp Type	21V 150W Halogen Bulb	21V 150W Halogen Bulb
Life of Lamp	200 Hours	200 Hours
Safety	<ol style="list-style-type: none"> <li>1. Body grounding</li> <li>2. HV test: 1500V leakage current •2mA;</li> <li>3. Ground resistance• 500MΩ (2500V magneto-ohmmeter)</li> <li>4. DPDT switch with null wire and live wire broken-off simultaneously;</li> <li>5. 2A fast fuse</li> <li>6. Fan protection hood to avoid personal injury by fan blade</li> </ol>	<ol style="list-style-type: none"> <li>1. Body grounding</li> <li>2. HV test: 1500V leakage current •2mA;</li> <li>3. IGround resistance• 500MΩ (2500V magneto-ohmmeter)</li> <li>4. 2A fast fuse</li> <li>5. T85• temperature protection (automatic power decrease when temperature in lamp chamber reaches 85•)</li> <li>6. Fan protection hood to avoid personal injury by fan blade</li> </ol>

## HEI-FOI-RB



[Click for Large Image](#)

### Replacement Bulb for the HEI-FOI-OS

- 21V 150W Halogen Bulb
- Bulb can be replaced in seconds
- To be used with the HEI-FOI-RB Illuminator

HEI-FOI-RB **\$20.00** [Buy Now](#)

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