

# HPX-2000

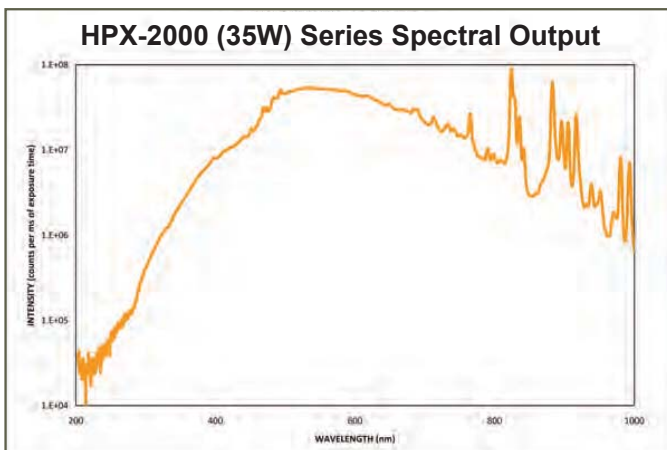
## High-Powered Continuous Wave Xenon Light Source

### High Power Output

The HPX-2000 Xenon Light Source is a high-power source that is a brilliant companion for fluorescence applications and for other applications where a high-intensity lamp is necessary. The 35-watt, short-arc lamp supplies a continuous spectrum from the UV through the NIR (185-2000 nm).

### Integrated Shutter

The HPX-2000 features an integrated shutter that can be triggered by either a switch or by a TTL signal. The HPX-2000 also comes equipped with a slot for filters up to 25 mm in diameter or 25 mm square and up to 14 mm thick.



Measured with HR2000+ Spectrometer with 25  $\mu$ m Slit and 400  $\mu$ m Optical Fiber

### Specifications

Dimensions:	145 mm x 165 mm x 260 mm
Weight:	5 kg
Power consumption:	60 W AC
Wavelength range:	185-2000 nm
Power output:	35 watts
Trigger input:	External TTL positive pulse via 15-pin connector (shutter)
Bulb lifetime:	1,000 hours minimum; 2,000 hours typical
Connector:	SMA 905

### Ordering Information

Item	Description
HPX-2000	35-watt, continuous-wave xenon light source (185-2000 nm)

### Replacing the Bulb

The HPX-2000 bulb may require replacement with prolonged use or breakage. In such cases, customers have two options:

- Remove the bulb module and send it to Ocean Optics for bulb replacement (REPAIR-HPX-1). You'll pay modest fees for the bulb and labor. Typical turnaround is several weeks.
- Order a new bulb module (HPX-2000-BM) and replace the entire bulb assembly in the field. Although this option is slightly more expensive, it's more convenient and can be accomplished relatively quickly.



### Technical Tip

If you're using a Jaz spectrometer in your setup, consider the Jaz-PX for your pulsed xenon source needs. The Jaz-PX (see Jaz section) is a high-performance source that installs directly into the Jaz stack providing a convenient alternative to a standalone source.