HPX-2000

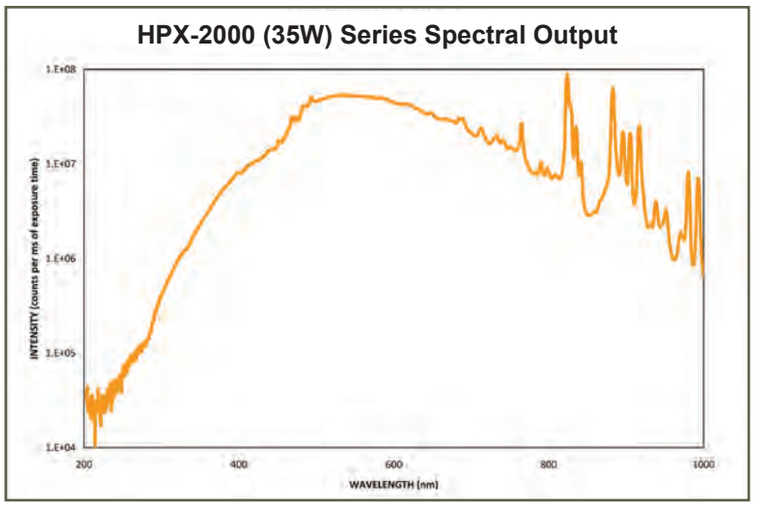
High-Powered Continuous Wave Xenon Light Source

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 (185-2200 nm). The HPX-2000 features an integrated shutter that can be controlled via switch or TTL signal.

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 µm Slit and 400 µm Optical Fiber

Specifications	
Dimensions:	145 mm x 165 mm x 260 mm
Weight:	5 kg
Power consumption:	60 W AC
Wavelength range:	185-2200 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 (185-2200 nm)

Replacing the Bulb

With typical lab use, the HPX-2000 will last for several thousand hours. However, there may be cases where prolonged use will require bulb replacement.

In those instances, please contact an Applications Scientist for assistance.

Bulb replacement (HPX-2000-BM) is not easily handled in the field, which is why we require you to contact us for replacement by one of our trained light source technicians. This will ensure that bulbs or other components aren't damaged.

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.