

Q-SUN Xenon Test Chamber

IR Filter Specifications



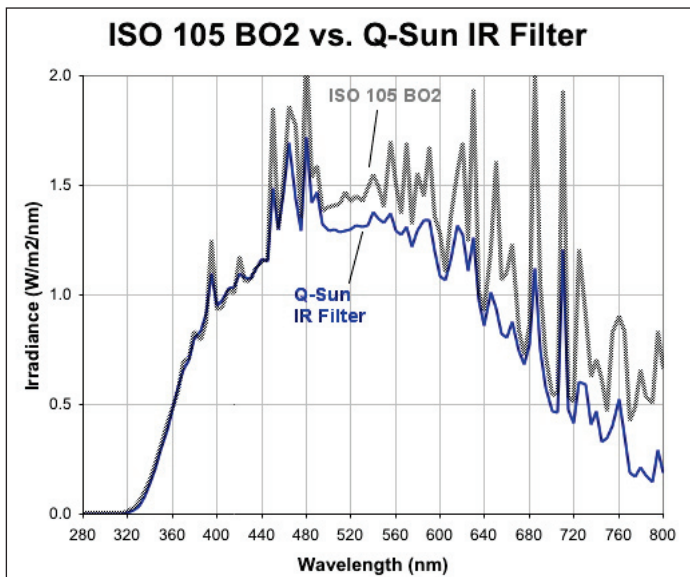
The new IR filter, for the Q-Sun, filters out infrared wavelengths of the spectrum. With this “heat filter” the Q-Sun Xenon Test Chamber can effectively *meet the temperature and spectral requirements* outlined in ISO 105 B02 “European Conditions.” The SPD produced by the IR filter matches testers used for many years in accordance with ISO 105 B02.

Operation Considerations

- Use the IR filter by itself. Do not combine with Daylight or Window Glass filter.
- During the first 200 hours of operation, the IR filter goes through a solarization period and then stabilizes. Once stable, the filters never need to be replaced.

Temperature Range

	Light Cycle	Dark cycle
Black Panel	40°C - 80°C	25°C - 50°C
Insulated Panel	45°C - 90°C	25°C - 50°C
Chamber Air	28°C - 55°C	25°C - 50°C



Solar Eye Irradiance Control

- 0.45 - 1.50 W/m² @ 420 nm with the IR filter
- The IR filter can only be used with 420 nm sensors

IR Filter System:

Part No.: X-10110-K

Note: 1 Filter required for Xe-1 models
3 Filters required for Xe-3 models

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