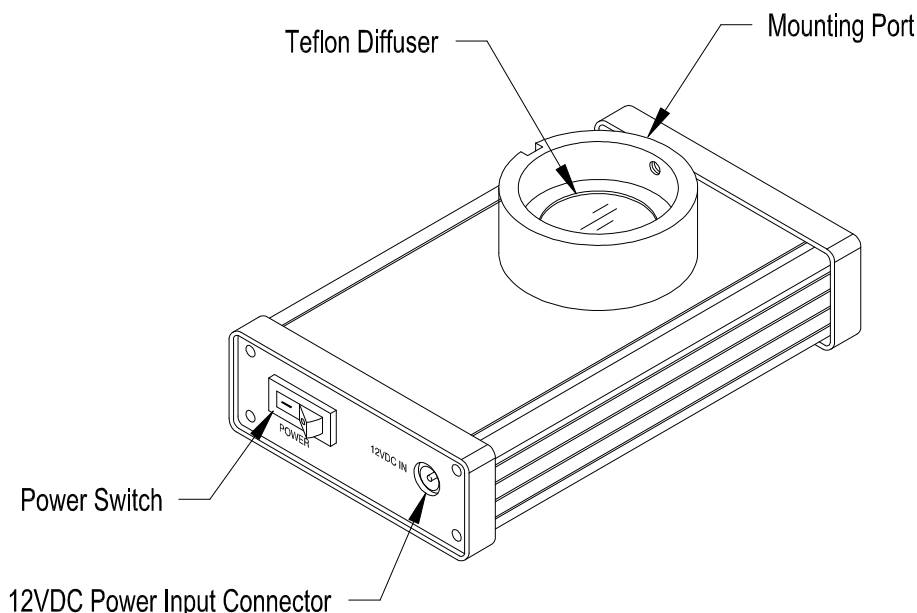


OL 700-24 Wavelength Calibration Source



The OL 700-24 Wavelength Calibration Source is a convenient low-power mercury argon source accessory that provides drift-free atomic emission spectral line wavelengths. It is useful for performing wavelength calibration and accuracy verification for multi-channel diode-array and CCD based spectrometers as well as scanning spectroradiometers. The source utilizes a low-pressure mercury argon lamp packaged in a rugged aluminum enclosure and operated via the supplied 12 VDC adapter. The OL 700-24 includes a port that facilitates mounting directly to OL Series 754, 750, and 756 spectroradiometers. An adapter is provided to accommodate the OL Series 770 measurement fibers. An adapter for SMA terminated fiber optic cables is also provided for mating to other devices such as integrating spheres, etc. A removable Teflon diffuser is supplied installed in the port.

SPECIFICATIONS

Lamp Type	Cold cathode Hg vapor / Ar Penning gas
Wavelength Range (emission lines)	254 nm to 1700 nm
Lamp Life (typical).....	5000 hrs.
Power Input.....	12 VDC @ 260 mA
AC Power Adapter (supplied).....	90 VAC to 264 VAC, 50/60 Hz \pm 3 Hz
Operating Temperature.....	8 °C to 40 °C
Dimensions	5.00 inches x 3.19 inches x 1.90 inches (12.7 cm x 8.1 cm x 4.8 cm)
Weight.....	8.8 oz. (0.25 kg)
Port Diameter	1.500 inches (3.81 cm) inside 1.875 inches (4.76 cm) outside