

OL 756-150

Dual Calibration Check Source Module



The OL 756-150 Calibration Check Source provides a simple yet powerful method for verification of the calibration of the OL 756 spectroradiometer. Two critical parameters necessary for achieving correct measurement results are wavelength and spectral response calibration accuracy. The OL 756-150 is a dual purpose check source that provides a means to perform easy verification of both critical parameters, with calibration check routines built into the OL 756 software. The OL 756-150 is a very convenient tool for daily calibration checks in the laboratory and is especially useful for calibration checks when in the field where conditions can not be fully anticipated.

The dual source contains an ultraviolet Hg-Ar arc lamp source producing multiple emission lines in the UV-visible range and a highly stable 5W tungsten lamp. The source is pre-aligned for easy plug-in, single port operation and is conveniently powered by the OL 756. With the OL 756 software providing tools for simple calibration adjustment, the OL 756-150 greatly enhances the overall performance and portability of the OL 756 system.

FEATURES AND BENEFITS

- Easy to use
- Accurate verification & adjustment of system calibration
- Portable for use in lab and field
- Full spectrum multiple wavelength calibration lines
- Stable tungsten halogen source for fast and reliable optical response verification
- Plug-in, pre aligned optical mount, powered by OL 756

PERFORMANCE SPECIFICATIONS[†]

Wavelength Calibration Source

Lamp Type..... Cold cathode Hg vapor / Ar penning gas
Lamp Lifetime (typ.)..... 5000 hours
Wavelength Range 250 nm to 800 nm

Optical Response Calibration Source

Lamp Type..... 5W tungsten-halogen
Lamp Lifetime (typ.)..... 100 hrs
Relative Stability $\pm 0.1\%$

TECHNICAL SPECIFICATIONS[†]

Dimensions 5.38" x 3.25" x 2.50"
Weight..... 1.25 lb.
Temperature 5°C to 40°C
Power (supplied by the OL756) 12VDC

[†]Specifications subject to change without notice