

# Installation Guide for the ILT 950

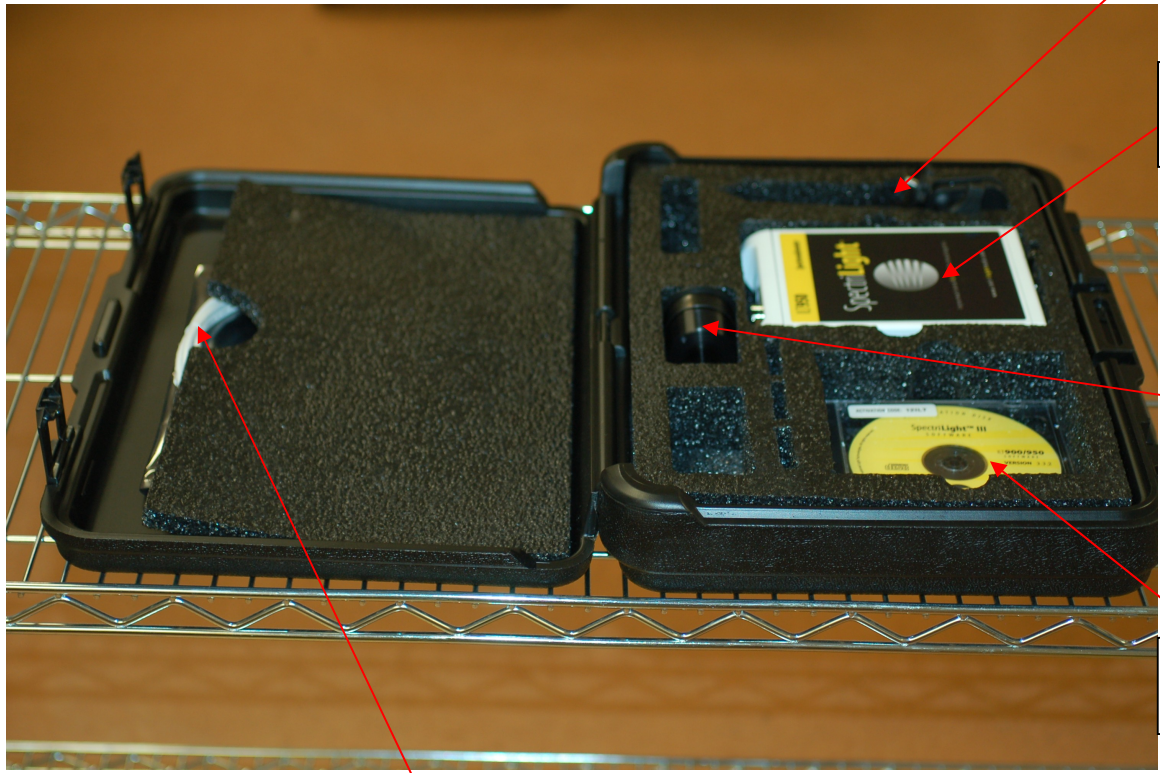
Below is a picture of the 950 as it arrives in the case. Please identify the items shown below

Tripod

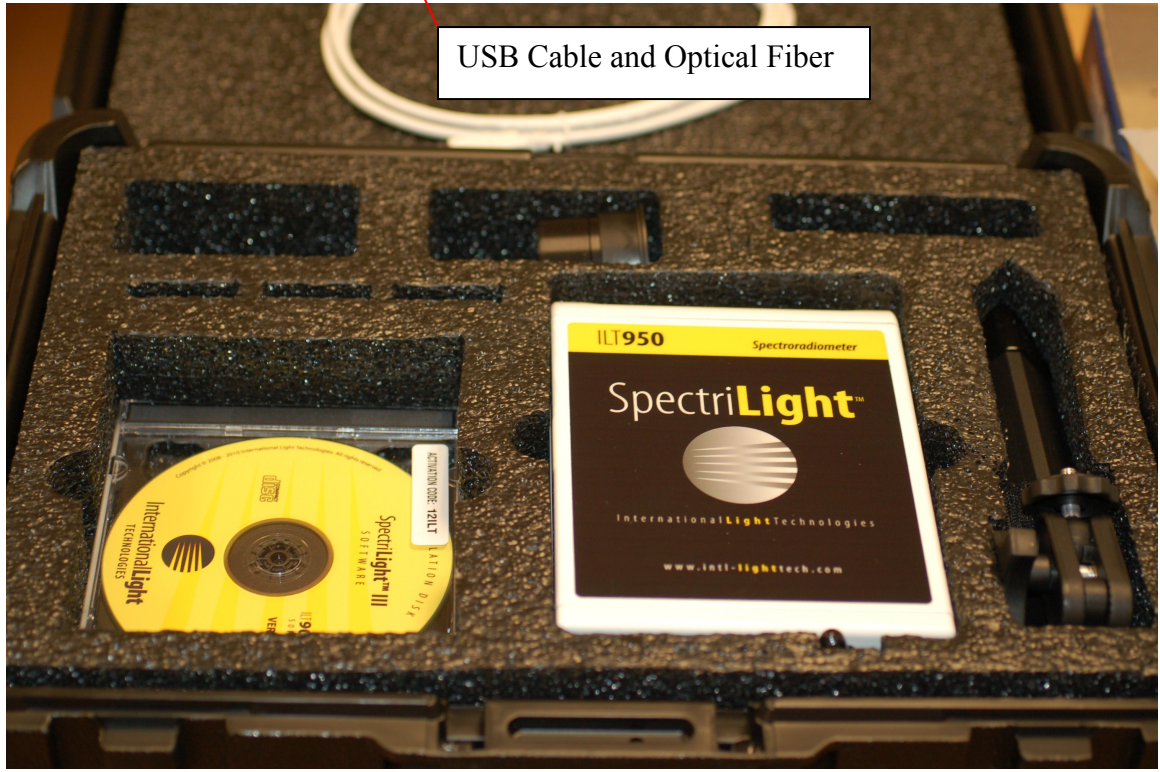
950 Spectro-Radiometer

Detector Head

SpectriLight III CD



USB Cable and Optical Fiber



**Please note that the detector head and the optical fiber are fragile and subject to damage if they are not handled properly.**

**Detector head handling:**

- Whenever the detector head is not in use, place the plastic cover over the optics.
- Do not touch the optics, as this may degrade the transmission and affect the calibration.
- If the optics do get dirty, use optical cleaning processes compatible with precision optics.
- Whenever the detector head is not attached to the optical fiber, cover the port with the black plastic cover provided for shipping.

**Optical Fiber Handling**

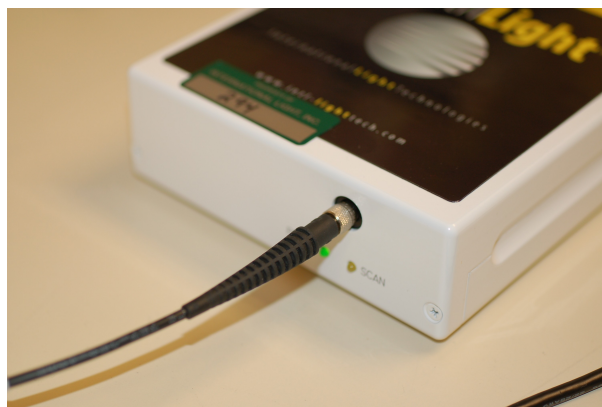
- Whenever the fiber is not in use, place the plastic covers over the ends.
- Do not touch the ends of the fiber, as this may degrade the transmission and affect the calibration.
- If the optics do get dirty, use optical cleaning processes compatible with precision optics.
- In order to avoid permanent damage to the fiber, do not bend the fiber to a radius  $> 25\text{mm}$ .

Getting the 950 ready for operation

1. Mount the detector head to the tripod or other convenient structure using the  $\frac{1}{4}$ -20 tapped hole.
2. Remove the plastic cover and mount the optical fiber to the back of the detector head.



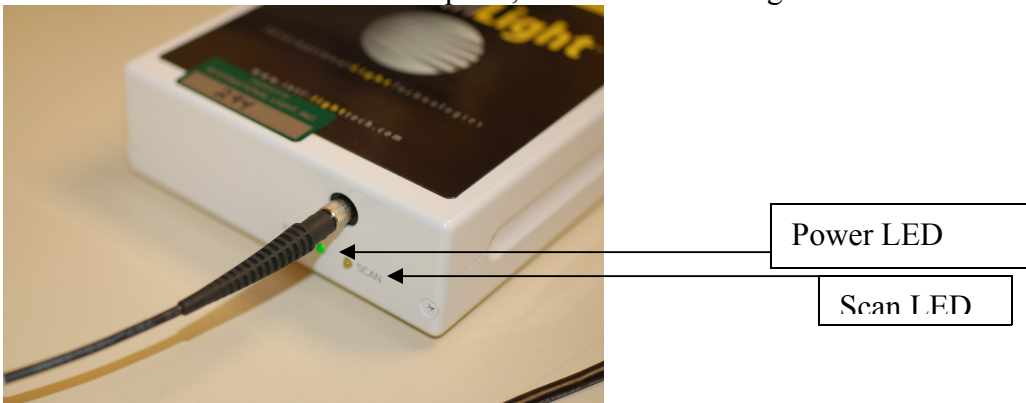
3. Connect the other end of the optical fiber to the 950.



4. Connect the USB cable to the front of the 950.



5. Install the SpectriLight CD into a computer, and follow the installation instructions.
6. Connect the USB cable to the computer, and check that the green "Power" LED is lit.



7. When the unit is collecting data, the yellow "Scan" LED will light.

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