# 可攜式光譜儀
# Portable Spectroradiometer

InternationalLight TECHNOLOGIES

## ILT950 可攜式光譜儀

### USB Portable Spectroradiometer

At home on the production floor as well as in the laboratory, the ILT950 combines accuracy, ease of use, and a wide array of features all in a rugged, compact portable design. The ILT950 comes as a turn-key package for making the widest array of standard irradiance and color measurements straight out of the box and is complete with input optics, software, cables, instruction manual, and irradiance calibration. A long list of optional accessories can tailor the ILT950 to almost any application.

**Specifications**

| Model specs | ILT950 |
|---|---|
| Spectral Range | 250 - 1050 nm |
| Stray Light | 0.1% |
| Resolution | 1.4 nm |
| Radiometric Accuracy | |
| 400 - 1050 nm | ±9.5% |
| 250 - 400 nm | ±10% |
| Focal Length | 75 mm |
| Dynamic Dark Correction | yes (DSP) |
| Non-Linearity Calibration | yes |
| CCD Array | Sony 554B |
| Temperature Range | 15 - 40°C |
| Input/Ouput | Extended I/O<br>Digital and Analog<br>Signal Processing<br>External Sync.<br>External Trigger |
| Size | 1-3/5" H x 5" W x 7" L |

* Consult factory for more details on UV accuracy

**Features**

- Automated time line measurements
- Upload multiple calibration file
- Integration Time: 1 mS to 2 S
- Scan Average: 1 to 999
- External Trigger
- Peak Find
- Enhanced scaling and zoom features includ ing movable vertical cursors
- Export to binary or text. Save screens/scans in multiple formats including .bmp, .jpg, and .png
- Powerful import data wizard can even import data from other spectrometers!

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