

# New Product Release

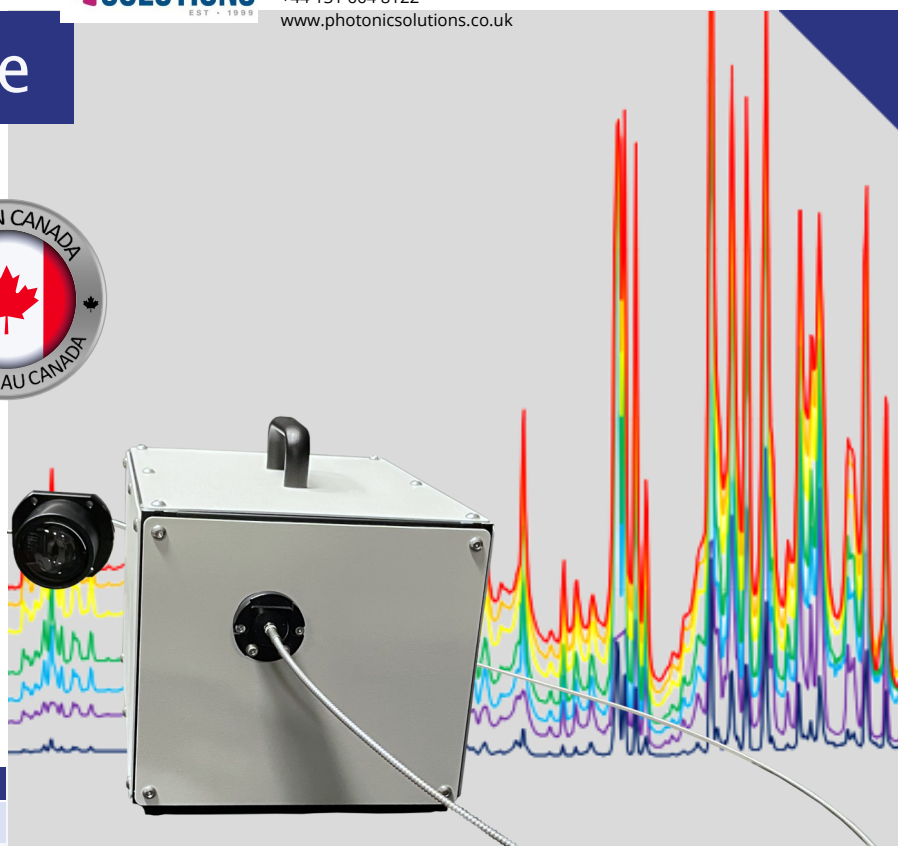
## Features

- Designed for 1 Sun solar spectrum measurements ( $1000 \text{ W/m}^2$ )
- Integration time of 50-1000  $\mu\text{s}$
- User-scripted sequence for measurements
- Integrated optical triggering system
- Fused silica optical fiber and collection optics included
- Spectral irradiance calibration included
- Automatic spectral irradiance calculation



## Specifications

| Specification              | Value                                          |
|----------------------------|------------------------------------------------|
| SKU                        | 120-9140                                       |
| Spectral Range             | 300-1050 nm                                    |
| Spectral Resolution        | 1.2 nm                                         |
| Wavelength Accuracy        | 0.5 nm                                         |
| Signal to Noise Ratio      | >380 (No Average)                              |
| Arrangement                | Fixed flat field concave holographic gratings  |
| Dynamic Range <sup>1</sup> | >2300 (No Average)<br>>10,000 (Average 10)     |
| Stray Light                | <0.2%                                          |
| Delay Time                 | 0- $\infty \mu\text{s}$                        |
| Integration Time           | 50-1000 $\mu\text{s}$                          |
| Minimum Step Size          | 1 $\mu\text{s}$                                |
| Linearity                  | +/- 5%                                         |
| Input optics               | 2 m optical fiber (included)                   |
| Calibration Traceability   | Calibrated to NIST-traceable irradiance source |
| Detector Type              | Linear CCD                                     |
| Power                      | 24 V DC                                        |
| Weight                     | 5 kg                                           |



SciPulseSpec spectroradiometer with included optical head and 2 m optical fiber, with sample solar simulator spectral data in background.

## Spectral Measurements Over Milliseconds

