## Spectrophotometer Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Appearance</th>
<th>Measurement</th>
<th>Bandwidth (nm)</th>
<th>Detector</th>
<th>Monochromator</th>
<th>Wavelength Accuracy</th>
<th>Features (functions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UV-1280</td>
<td>Graphic LCD</td>
<td>190 to 1100</td>
<td>5</td>
<td>Silicon photo diode</td>
<td>Aberration-corrected concave blazed holographic grating</td>
<td>±0.1 nm</td>
<td>Comprehensive measurement functions in a compact body</td>
</tr>
<tr>
<td>BioSpec-nano</td>
<td>Double Monochromator</td>
<td>220 to 800</td>
<td>3</td>
<td>Photo diode array</td>
<td>Double monochromator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UV-1900</td>
<td>Color Touch Screen LCD</td>
<td>190 to 1100</td>
<td>1</td>
<td>Silicon photo diode</td>
<td>Aberration correction</td>
<td>±0.3 nm (For entire range) 0.1 nm (555.1 nm D2)</td>
<td></td>
</tr>
<tr>
<td>UV-2600</td>
<td>Single Monochromator</td>
<td>185 to 900</td>
<td>0.1-0.2</td>
<td>Side-on photomultiplier R928</td>
<td>Single monochromator with low stray light (Lo-Rayleigh grade) diffraction grating</td>
<td>±0.3 nm (For entire range) 0.1 nm (555.1 nm D2)</td>
<td>Double-beam spectrophotometer offering high functionality, minimal space requirement, and affordable price</td>
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<td>Single monochromator with low stray light (Lo-Rayleigh grade) diffraction grating</td>
<td>±0.3 nm (For entire range) 0.1 nm (555.1 nm D2)</td>
<td>High precision spectrophotometer capable of measuring reflectance, transmittance, and so on, for a wide variety of samples - not only liquids, but also solid samples</td>
</tr>
<tr>
<td>UV-3600 Plus</td>
<td>Double Monochromator</td>
<td>185 to 3300</td>
<td>0.1-0.8</td>
<td>Equivalent to R928 photomultiplier (UV-VIS range)</td>
<td>Equivalent to R928 photomultiplier (UV-VIS range)</td>
<td>±0.2 nm (UV-VIS range) ±0.8 nm (Near infrared range)</td>
<td>Double-monochromator spectrophotometer based on advanced technology, offering high sensitivity, high resolution, and ultra low stray light</td>
</tr>
<tr>
<td>SolidSpec-3700/ SolidSpec-3700 DUV</td>
<td>Near infrared range 0.2 to 32 (10-level switch-over)</td>
<td>SolidSpec-3700 DUV 175 to 2600</td>
<td>165 to 3300 with optional parts</td>
<td>Equivalent to R928 photomultiplier (R-955 for DUV model)</td>
<td>Double-blazed grating, double monochromator Pre-monochromator: Czerny-Turner mount</td>
<td>±0.2 nm (UV-VIS range) ±0.8 nm (Near infrared range)</td>
<td>Double-monochromator spectrophotometer that is especially well suited to measuring solid samples</td>
</tr>
</tbody>
</table>

### Description:
- **UV-1280**: Graphic LCD
- **BioSpec-nano**: Double Monochromator
- **UV-1900**: Color Touch Screen LCD
- **UV-2600**: Single Monochromator
- **UV-2700**: Double Monochromator
- **UV-3600 Plus**: Double Monochromator
- **SolidSpec-3700/ SolidSpec-3700 DUV**: Near infrared range

### Functions:
- **Comprehensive Measurement Functions**: Available in a compact body.
- **Transfer Data via USB Flash Drive**: Connecting to a PC.
- **UV-VIS Analyses Using a Single Unit**: Comprehensive measurement functions.
- **Easy-to-See LCD and Buttons**: Enables simplified measurement and instrument validation operations.
- **Wide Variety of Programs for Ultraviolet-Visible Spectroscopy**: Offers high-performance and instrument validation.
- **Various Applications Utilizing a Wide Variety of Accessories**: Equipped with a variety of programs for ultraviolet-visible spectroscopy analysis such as photometric measurement, DNA/protein quantitation, and advanced multi-component quantitation.
- **Combined Monitor Double-beam System for the DUV Lamps**: Enables high-quality analyses in a compact unit.
- **Photometric Measurement and Protein Quantitation**: Available.

### Specifications:
- **Measurement Wavelength Range**: Various options are available, including UV-3600 DUV.
- **UV-2700**: UV-2800, UV-2600, UV-2500, and others are available, offering high sensitivity and cost performance.
- **Accuracy**: ±0.1 nm to ±0.3 nm, depending on the model.
- **Software Functions**: Features such as multitasking and report functions.
- **Options for Accessories**: Various accessories are available for different applications.