

## Visible Spectrophotometer Selection Guide



S1000



S1100

### Electromagnetic Spectrum:

Wavelength Range in Nanometers (nm):

**Ultra-Violet (UV), Visible (Vis) and Infrared Light (IR)**

- **Ultra-Violet (UV) Spectrum:** 200nm – 400nm
- **Visible Light Spectrum (Vis):** 400nm – 750nm
- **Infrared Spectrum (IR):** 750nm – 300,000nm



S1200

### UNICO Visible Light Spectrophotometers

Wavelength Range by series:

- **S1000 Series:** 400nm – 1,000nm
- **S1100 Series:** 335nm – 1,000nm
- **S1200 Series:** 325nm – 1,000nm
- **S2100+ Series:** 325nm – 1,000nm



S2100+

**How do I select the right spectrophotometer for my applications? We can help. Contact UNICO by phone, fax, or e-mail and our technicians will be glad to help select the right instrument for your needs. Please see the Selection Guide below. This will help you understand the general specifications by model.**

Model	Wavelength Range (nm)	Slit Width Bandpass	Cell Pathlength	Scanning	Absorbance Range	Concentration Conc., C	Photometric Accuracy	Data Port(s)	Light Beam	Optional Printer	Voltage Pre-set	Pg.
<b>S1000</b>	400-1000 nm	20 nm	10 mm	N/A	0-1.99A	N/A	+/- 2%	USB	Single	N/A	110 Volt	<b>4</b>
<b>S1000E</b>	400-1000 nm	20 nm	10 mm	N/A	0-1.99A	N/A	+/- 2%	USB	Single	N/A	220 Volt	<b>4</b>
<b>S1100</b>	335-1000 nm	20 nm	10 mm	N/A	0-2.0A	N/A	+/- 2%	USB	Single	N/A	110 Volt	<b>5</b>
<b>S1100E</b>	335-1000 nm	20 nm	10 mm	N/A	0-2.0A	N/A	+/- 2%	USB	Single	N/A	220 Volt	<b>5</b>
<b>S1100RS</b>	335-1000 nm	10 nm	10 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	110 Volt	<b>6</b>
<b>S1100RSE</b>	335-1000 nm	10 nm	10 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	220 Volt	<b>6</b>
<b>S1200</b>	325-1000 nm	5 nm	50 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	110 Volt	<b>7</b>
<b>S1200E</b>	325-1000 nm	5 nm	50 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	220 Volt	<b>7</b>
<b>S1201</b>	325-1000 nm	5 nm	50 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	110 Volt	<b>7</b>
<b>S1201E</b>	325-1000 nm	5 nm	50 mm	N/A	0-2.0A	0 - 1999 C	+/- 1%	USB & RS232	Single	N/A	220 Volt	<b>7</b>
<b>S1205</b>	325-1000 nm	5 nm	50 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	N/A	110 Volt	<b>8</b>
<b>S1205E</b>	325-1000 nm	5 nm	50 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	N/A	220 Volt	<b>8</b>
<b>S2100+</b>	325-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	Yes	110 Volt	<b>10</b>
<b>S2100+E</b>	325-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	Yes	220 Volt	<b>10</b>
<b>S2100+P</b>	325-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	Yes	110 Volt	<b>10</b>
<b>S2100+PE</b>	325-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999 C	.004 @ 0.5 A	USB & RS232	Single	Yes	220 Volt	<b>10</b>