

## UV-Visible Spectrophotometer Selection Guide



S2100UV+



SQ3802



SQ2800



SQ4802

### 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

### UNICO Visible Light Spectrophotometers

Wavelength Range by series:

- **S2100UV+ Series:** 200nm – 1,000nm
- **SQ2800 Series:** 190nm – 1,100nm
- **SQ3800 Series:** 190nm – 1,100nm
- **SQ4800 Series:** 190nm – 1,100nm

**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	Absorbance Scanning	Concentration Conc., C	Photometric Accuracy	Data Port(s)	Light Beam	Printer	Voltage Pre-set	Pg.	
<b>S2100UV+</b>	200-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	110 Volt	<b>12</b>
<b>S2100UV+E</b>	200-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	220 Volt	<b>12</b>
<b>S2100UV+P</b>	200-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Built-in	110 Volt	<b>13</b>
<b>S2100UV+PE</b>	200-1000 nm	4 nm	100 mm	Via PC	0.3-2.5A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Built-in	220 Volt	<b>13</b>
<b>SpectroQuest™</b>												
<b>SQ2800</b>	190-1100 nm	4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	110 Volt	<b>16</b>
<b>SQ2800E</b>	190-1100 nm	4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	220 Volt	<b>16</b>
<b>SQ2800P</b>	190-1100 nm	4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Built-in	110 Volt	<b>16</b>
<b>SQ2800PE</b>	190-1100 nm	4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Built-in	220 Volt	<b>16</b>
<b>SQ2802</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	110 Volt	<b>17</b>
<b>SQ2802E</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	220 Volt	<b>17</b>
<b>SQ2802S</b>	190-1100 nm	1, 1.8, 4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	110 Volt	<b>17</b>
<b>SQ2802SE</b>	190-1100 nm	1, 1.8, 4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	220 Volt	<b>17</b>
<b>SQ2802PCS</b>	190-1100 nm	1, 1.8, 4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	110 Volt	<b>17</b>
<b>SQ2802PCSE</b>	190-1100 nm	1, 1.8, 4 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Single	Optional	220 Volt	<b>17</b>
<b>SQ3802</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Split	Optional	110 Volt	<b>18</b>
<b>SQ3802E</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Split	Optional	220 Volt	<b>18</b>
<b>SQ4802</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Double	Optional	110 Volt	<b>19</b>
<b>SQ4802E</b>	190-1100 nm	1.8 nm	100 mm	Yes	0.3-3A	0 - 9999	.004 @ 0.5 A	USB & RS232	Double	Optional	220 Volt	<b>19</b>