

Cole Parmer UV-Vis Spectrophotometers

UV-Vis analysis is one of the most established analytical techniques used to identify the presence and concentration of many molecular entities. Spectrophotometers are used in many applications and across multiple industries. Cole-Parmer® can provide an instrument perfect for your application and budget. All spectrophotometers models are:

- Robust
- Reliable
- Highly competitive
- Excellent value for money

[Shop Online at Richmond Scientific](#)

Click pictures to see more info and pricing



| | SP-200-UV | SP-300-UV | SP-350-UV | SP-400-UV | SP-500-UV | SP-600-UV | SP-800-UV |
|---------------------------|----------------|----------------|---------------------|-------------|----------------------|----------------------|----------------------|
| Beam | Single Beam | Single Beam | Single Beam | Single Beam | Single Beam | Split Beam | Double Beam |
| Wavelength | | | | | | | |
| Range (nm) | 198 - 1000 | 198 - 1000 | 198 - 1000 | 198-800 | 198 - 1000 | 198 - 1000 | 190 - 1000 |
| Bandwidth (nm) | 8 | 5 | 5 | 5 | 5 | 1.5 | 0.5, 1, 2, 4, 5 |
| Photometrics | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Concentration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spectrum scan | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Kinetics | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Quantitation | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| Multi-wavelength | - | - | - | - | ✓ | ✓ | ✓ |
| Optical density | - | - | - | ✓ | - | - | - |
| Data | | | | | | | |
| Post-Scan Analysis | - | - | ✓ | ✓ | ✓ | ✓ | ✓ |
| File Output | - | - | CSV | CSV | Ethernet (RJ45) | Ethernet (RJ45) | USB & Parralel |
| Removeable Media | - | - | USB | USB | USB | USB | USB |
| PC Software | ✓ | ✓ | ✓ | - | ✓ | ✓ | ✓ |
| Output | Analogue RS232 | Analogue RS232 | Analogue RS232, USB | USB | USB, Ethernet (RJ45) | USB, Ethernet (RJ45) | USB, Ethernet (RJ45) |

Cole Parmer Life Science UV-Vis

The Life Science Spectrophotometers from Cole Parmer have all the features of a standard spectrophotometer plus features dedicated to life science analysis. They feature pre-programmed methods to measure ssDNA, dsDNA, RNA, and oligonucleotide concentrations; as well as methods for Bradford, Lowry, Biuret, Bicinchoninic Acid (BCA), and Direct UV assays. The NANO models require only a few μL of sample



| | SP-350-BIO | SP-350-NANO | SP-400-BIO | SP-500-NANO |
|---------------------------|----------------|---------------------|-------------|----------------------|
| Beam | Single Beam | Single Beam | Single Beam | Single Beam |
| Wavelength | | | | |
| Range (nm) | 198 - 1000 | 198 - 1000 | 198 - 800 | 190 -1000 |
| Bandwidth (nm) | 5 | 5 | 5 | 0.5, 1, 2, 4, 5 |
| Photometrics | ✓ | ✓ | ✓ | ✓ |
| Concentration | ✓ | ✓ | ✓ | ✓ |
| Spectrum scan | - | ✓ | ✓ | ✓ |
| Kinetics | - | ✓ | ✓ | ✓ |
| Quantitation | - | ✓ | ✓ | ✓ |
| Multi-wavelength | - | - | - | ✓ |
| Optical density | - | - | ✓ | - |
| Sample type | | | | |
| Cuvette/Drop | Cuvette | 0.5-2 μL | Cuvette | 0.5-2 μL |
| Data | | | | |
| Post-Scan Analysis | - | ✓ | ✓ | ✓ |
| File Output | - | CSV | CSV | USB & Parralel |
| Removeable Media | - | USB | USB | USB |
| PC Software | ✓ | ✓ | - | ✓ |
| Output | Analogue RS232 | Analogue RS232 | USB | USB, Ethernet (RJ45) |

**Shop Online at
Richmond Scientific**

Cole Parmer Visible Spectrophotometers

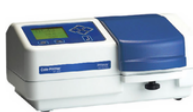
Spectrophotometers are used in many applications and across multiple industries. Cole-Parmer® can provide an instrument perfect for your application and budget.

Compare all visible spectrophotometers here, or see the range of UV-Vis or Life Science instruments on our website.

All Cole Parmer spectrophotometers models are:

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- Reliable
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- Excellent value for money

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Richmond Scientific](#)



| | SP-200-VIS | SP-250-VIS | SP-300-VIS | SP-350-VIS | SP-400-VIS | SP-500-VIS |
|--------------------|----------------|----------------|----------------|---------------------|------------|----------------------|
| Wavelength | | | | | | |
| Range (nm) | 320-1000 | 320-1000 | 320-1000 | 320-1000 | 320-1000 | 320-1000 |
| Bandwidth (nm) | 8 | 8 | 5 | 5 | 7 | 5 |
| Photometrics | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Concentration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Spectrum scan | - | - | - | ✓ | ✓ | ✓ |
| Kinetics | - | - | - | ✓ | ✓ | ✓ |
| Quantitation | - | - | - | ✓ | ✓ | ✓ |
| Multi-wavelength | - | - | - | ✓ | - | ✓ |
| Optical density | - | - | - | - | ✓ | - |
| Data | | | | | | |
| Post-Scan Analysis | - | - | - | ✓ | ✓ | ✓ |
| File Output | - | - | - | CSV | CSV | Ethernet (RJ45) |
| Removeable Media | - | - | - | USB | USB | USB |
| PC Software | ✓ | ✓ | ✓ | ✓ | - | - |
| Output | Analogue RS232 | Analogue RS232 | Analogue RS232 | Analogue RS232, USB | USB | USB, Ethernet (RJ45) |