

UV-VIS-NIR CUVETTES



REFLEX Analytical manufactures many popular types of UV-VIS-NIR spectrophotometer cells. Samples to be measured for absorbance or transmission are retained in the cells for use with all common spectrophotometers. Our cells comply with international standards.

Materials

REFLEX Analytical manufactures the cells with different types of material depending on the spectral range required for analysis. These materials include Optical Glass suitable for use from 340nm to 2500nm, Spectrosil ES Quartz Glass suitable for use between 190nm to 2500nm, and IR Quartz Glass suitable for use from 250nm to 3500nm. The table below depicts the percentage transmission for each material type:

| Material | Code | Application | % Transmission | Matching Tolerance |
|----------------------|------|-------------|----------------|----------------------|
| Optical Glass | G | VIS | > 82% @ 350nm | Within 0.5% @ 350nm |
| Spectrosil ES Quartz | Q | UV-VIS | > 80% @ 200nm | Within 0.5% @ 200nm |
| IR Quartz | I | UV-VIS-NIR | > 82% @ 2730nm | Within 0.5% @ 2730nm |

