

Sample Cells

Model 1955 HPLC Flow Cell

With a sample capacity of 20 μL , this non-fluorescing fused silica cell is ideal for on-line monitoring of fluorescent samples. The cell maintains high sensitivity because it has a large aperture for collecting the excitation light to the sample and fluorescence emission from the sample. The flat sides allow maximum throughput while keeping the scattering of the incident radiation to a minimum. The cell fits in a standard cell holder.

Model 1923 Micro Cell (with Model 1923A Adapter)

This non-fluorescing fused silica cylindrical cell holds 50 μL . This cell will not accept a magnetic stirrer. The 1923A Adapter is required to be able to mount in a standard 10 mm by 10 mm cell holder.

Model 1924 Micro Cell (with Model 1924A Adapter)

This non-fluorescing fused silica cylindrical cell holds 250 μL . A magnetic stirrer cannot be used with this cell. The 1924A Adapter is required to enable mounting in the standard 10-mm- \times -10-mm cell holder.

Model 1925 Quartz Cuvette

With a 4-mL volume, this cell measures 10 mm \times 10 mm in cross-section, and comes with a Teflon[®] stopper to contain volatile liquids.

Model 1920 Sample Cell

This 2-mL to 4-mL non-fluorescing fused silica cell, capable of accepting a magnetic stirrer, has a 10-mm path length and includes a white Teflon[®] cap that prevents sample evaporation.

Model QC-SK Reduced Volume Sample Cell

This non-fluorescing fused silica cell is selected for samples with a maximum volume of 1 mL. The square cross-section of the sample cavity is 5 mm. The precise imaging capability of the excitation light focused onto the sample allows for high sensitivity. The adapter and a “flea” magnetic stirrer are included.