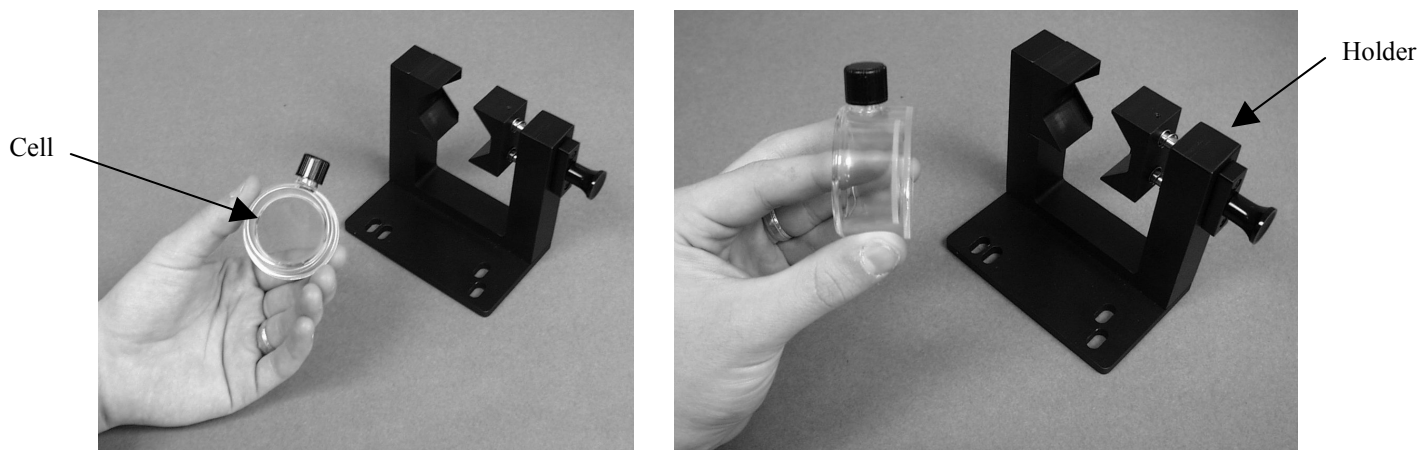


Addendum to ColorQuest XE, ColorQuest XT, UltraScan XE, UltraScan PRO, and UltraScan VIS User's Manuals

Description

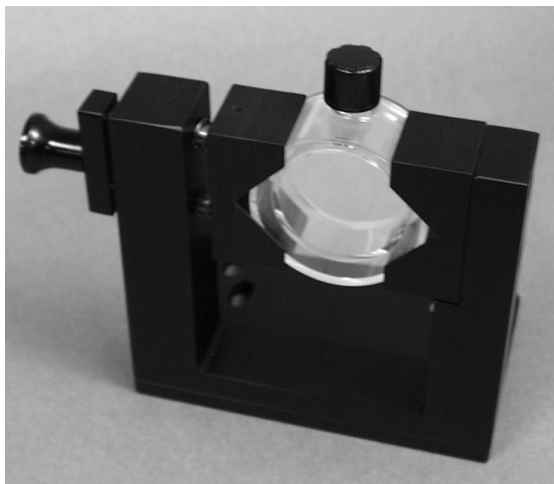
CMR 2581 provides a top-loading transmission cell for the ColorQuest XE, ColorQuest XT, UltraScan XE, UltraScan PRO, or UltraScan VIS for use with the D02-1009-960 flow-through transmission cell holder. The path length of the transmission cell is 2 mm.



Installation

Complete the following steps to install the flow-through cell holder (sold separately) and the top-loading transmission cell.

1. Place the instrument on a level surface.
2. Open the transmission compartment door. If you have a transmission sample holder installed, remove it. Be sure that the specular exclusion port door is closed.
3. Place the top-loading transmission cell in the cell holder using the handle on the right side of the cell holder to open and close the holder. Place the screw cap and inlet/outlet hole at the top of the cell and holder.



4. Place the cell holder in the instrument transmission compartment and fasten the cell holder to the instrument with the two thumb screws that came with the holder. Be sure that the screws are snug and that the cell holder is held securely in place.



Operation

To operate the cell holder assembly:

1. Standardize the instrument in TTRAN mode. The top-loading cell should be filled with distilled water or another clear solvent to set the top of scale. Remove the screw cap from the inlet/outlet opening to inject the blank into the cell.
2. Remove the blank from the cell using a pipette or syringe.
3. Inject the sample to be measured into the cell and replace the screw cap.



4. Proceed with sample measurement.
5. Remove the sample from the cell.

The top-loading cell may need to be cleaned periodically. Use a glass cleaner on the exterior of the cell and distilled water repeatedly injected into and removed from the cell for the interior.