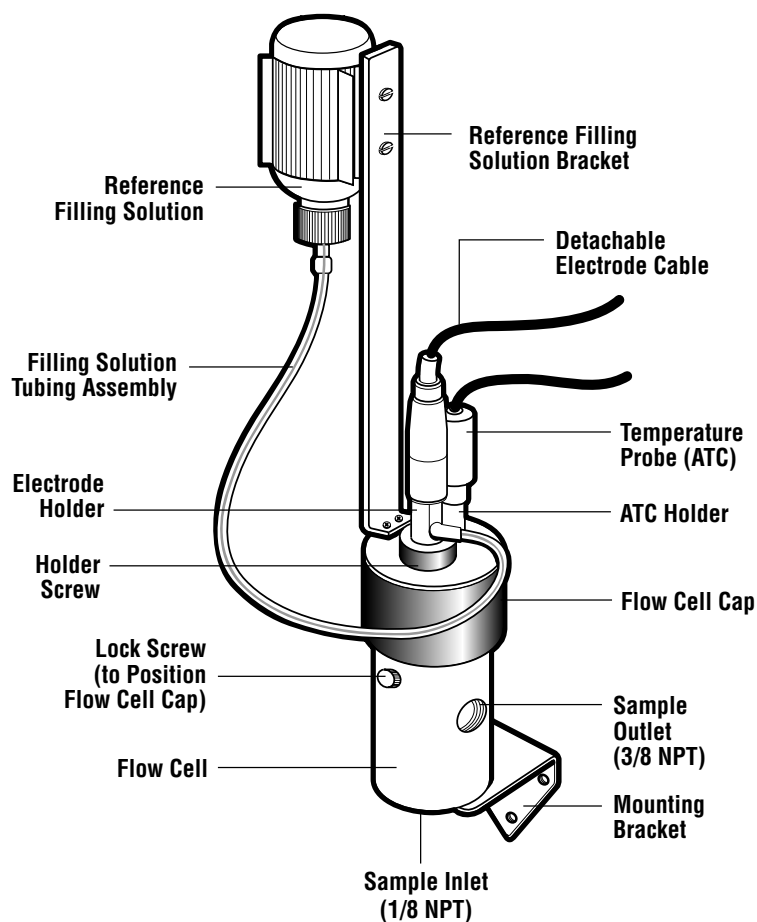


Thermo Scientific Orion Online Flow Cell

The Thermo Scientific Orion online flow cell, Cat. No. 2001FC, is designed to hold the ROSS process pH electrode, Cat. No. 2001SC. The 316 stainless steel flow cell housing ensures noise-free and corrosion-free operation.

Installation

1. Mount the bracket to a wall or panel.
2. Attach the flow cell to the bracket.
3. Assemble the electrode, electrode holder and O-ring before inserting them into the flow cell cap (and ATC probe, if applicable). Refer to the electrode user guide for detailed assembly instructions.
4. Insert the electrode and ATC probe into the flow cell cap.
5. Insert the flow cell cap into the flow cell. Align the cap using the lock screw.



Helpful Hints

- The flow cell is designed to work at atmospheric pressure. It is recommended that the sample outflow be connected to an atmospheric drain, the flow cell should not incur any back pressure or vacuum.
- The flow cell and electrode achieve optimal results when the sample flow is controlled. A sample flow of 20 to 100 mL per minute is recommended.
- Sample temperature should be controlled to between 5 and 45 °C for the best results.
- Mount the flow cell to a secure wall or panel.
- Mount the flow cell as close to the monitor or amplifier as possible. This will help to minimize noise.
- When removing the electrode or ATC probe from the flow cell cap, unscrew the holder first. Do not pull the electrode or ATC probe out of the holders. Be careful not to lose the O-rings.
- When removing the flow cell cap, first unscrew the lock screw holding the cap in place. Remove the cap slowly and vertically while twisting slowly from side to side. Be careful not to damage the glass electrode.

Assistance

After troubleshooting all components of your measurement system, contact Technical Support. Within the United States call 1.800.225.1480 and outside the United States call 978.232.6000 or fax 978.232.6031. In Europe, the Middle East and Africa, contact your local authorized dealer.

For the most current contact information, visit www.thermo.com/water.

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255079-001 Rev.A 03-08

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