

# Electrochemical Cells

## LowVolume Series

With several configurations from which to choose, these cells, designed to be sealed, range in volume from as low as 5 mL to 50 mL in different configurations. These configurations include three electrode, U-cell, Divided Cell, and Alkaline Resistant Cell varieties. Designed for use with our LowProfile working, reference, and counter electrodes.



## Corrosion

The corrosion cell line includes two basic types: Rotating Cylinder (RCE) Cells and the Flat Cell. The RCE cells are primarily used in flow based corrosion inhibitor studies and are available in several configurations. The flat cell is an ideal way to electrochemically analyze coated, mostly flat samples.



## Alkaline Resistant

Designed from solid Teflon® (PTFE), these cells are ideal for use in highly alkaline systems, where etching of glass is of concern to your chemistry. Cells are available in both rotating electrode and LowVolume configurations. Other configurations are available on a custom basis. Just contact us to start a design!



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## Quartz for Photoelectrochemistry

We offer an array of cell materials, including quartz for optical transparency to UV light. These cells, designed particularly for photoelectrochemistry, are stocked in one- and two-chamber style. The cells feature a large port through which a photoanode (silicon wafer) can be inserted into the cell. Visible and ultraviolet light pass through either of the two flat ends of the cell. Standard quartz photoelectrochemical cell options include single-chamber as well as dual-chamber designs, where users provide their own membrane to separate each half of the cell.



## Standard Style and Specialty Purpose Glass



From traditional two-electrode H-cells to three-electrode cells to more advanced setups with custom dimensions, our glass cells are versatile with unmatched quality. Folks have trusted us to design their own custom cells for years. Our cells integrate seamlessly with our electrodes (stationary and rotating) and adapters. We are not limited to electrochemical cells. Discuss your application with us today and we will be happy to work with you.



*Contact us today to discuss your custom glass and quartz cell needs.*