DATASHEET

Swagelok-Type Two-Electrode Battery Test Cell | PEEK Body, Glassy Carbon Electrodes

Swagelok-type simulated coin cell fixture. PEEK body, glassy carbon (GC-Φ3) current collectors, two working samples sandwiched around a separator. Fits 10/12/16 mm electrodes.

APPLICATION

- Simulated coin-cell cycling of electrode formulations
- Separator / electrolyte / electrode screening
- Teaching and introductory battery labs

Suitable for: 10/12/16 mm samples; two-electrode configuration; glovebox assembly.

KEY SPECS

- Body Material: PEEK
- Electrode System: Two-Electrode
- Current Collectors: Glassy Carbon, GC-Φ3
- Sample Diameter: 10 / 12 / 16 mm

1. Specifications

Body Material	PEEK
Electrode System	Two-Electrode
Current Collectors	Glassy Carbon, GC-Φ3
Sample Diameter	10 / 12 / 16 mm
Assembly	Threaded GC electrodes, both ends
Filling	Top filling screw with septum
Application	Simulated coin cell testing

2. Product Details

The LabCore Swagelok-Type Two-Electrode Battery Test Cell simulates a coin cell: two working samples sandwiched around a separator form the complete test circuit.

Glassy carbon collectors, threaded compression. The electrodes connect through GC-Φ3 glassy carbon rods — tightening both ends sets the pressure and the electrical contact in one step, for fast assembly and reproducible stacking.

The chemically resistant PEEK body stands up to battery electrolytes. The top filling screw includes a septum for electrolyte injection or gas connection.

3. Order / Quote

Model	Pack Size	Availability
LC-B0012-PEEK-2E	1 set: PEEK cell body, 2× glassy carbon electrodes (GC-Φ3), fastening screws. Separator and electrodes not included.	Made to order (quote)

Current pricing and ordering: labcorematerials.com/products/swagelok-style-two-electrode-test-cell/

4. Shipping & Compliance

- Empty hardware, no electrolyte or lithium. Not dangerous goods. International express from China.

Contact

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www.labcorematerials.com/products/swagelok-style-two-electrode-test-cell/