

> MF-1054 WATER JACKETED ELECTROCHEMICAL CELL (100 ML)

MF-1054 is a fully equipped plug-n-play electrochemical cell kit that is also jacketed to conduct 2 or 3 electrode measurements with any potentiostat / galvanostat in the market. A built-in auxiliary compartment is provided to separate any reactions at counter electrode. Working electrode can be a standard disc type or ITO/FTO type that can be used with a BASi "Gator". The glass cell comfortably holds a volume of around 100 mL and will allow you to test 25-75 mL of solution. It also comes with Teflon tubing for purging or blanketing your solution. Dedicated O-rings help to adjust the height of the electrodes in the vessel.



> **Exposed Diameter of Working Electrode:** 3 mm. An O-ring provides reproducible positioning

> **Available Volumes:** 100 mL, 250 mL

> **Customization Options:**

- User-defined volumes are available for jacketed vessels.
- A ring stand with base plate or stand-alone ring-type stand is available as well.
- Also available in Teflon or equivalent materials for organic liquids.
- Temperature control apparatus available.

> **Ordering Information for Parts Included in MF-1051 Basic EC Cell Kit:**

- MF-2012 Glassy carbon working electrode – 3 mm dia.
- MF-2052 Ag/AgCl Reference electrode
- MW-1033 Coiled Pt wire counter electrode
- MR-1195 100mL glass cell
- MR-1199 BE Teflon cell top
- MR-1196 Auxiliary electrode chamber
- MR-1198 Auxiliary electrode bushing
- MF-1035 Teflon tubing 1/16" OD
- ER-9132 Teflon coated stir-bar
- MR-1236 O-ring for BE cell aux chamber