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## BASi C3 Cell Stand



The BASi C-3 Cell Stand is a general-purpose accessory for electroanalytical experiments. It firmly holds all the components of the electrochemical cell (vial, electrodes, top) and provides a convenient means of stirring and purging the analyte solution. All functions can be controlled manually or remotely by CV-50W, 100B/W, and **epsilon** electrochemical instruments. The package includes a glassy carbon and a platinum **working electrode** and all accessories needed to conduct basic electrochemistry experiments.

The cell can be enclosed in the included Faraday Cage to minimize electrical interference. A built-in gas control allows purging or blanketing of the sample prior to or during analysis. The magnetic stirrer allows controlled agitation of the sample for experiments requiring convective mass transport of analyte to the electrode surface (e.g., anodic stripping voltammetry). The cell arm with detachable cell top allows easy access to the electrodes for rinsing, cleaning, or replacement. The stir motor/cell vial base pivots for easy removal and replacement of the cell vial. The standard, three-electrode cell lead is easily interchanged with either the **Low Current** or AC Impedance Modules.



### Features

- Manual or remote control of gas purge/blanket
- Manual or remote on-off control of magnetic stirrer
- Cell lead connects directly to all BASi potentiostats (other potentiostats may require modification of the cell lead)
- Low-volume glass cell vials (typical volume 3 mL)
- Mounted cell top compatible with all BASi solid voltammetric working electrodes and reference electrodes
- Open architecture for easy access to cell
- "Quick-connect" input gas line connector
- Faraday Cage included to reduce environmental noise (for low current measurements)
- Optional water-jacketed cell vial
- Standard accessories package:
  - Glassy carbon & platinum working electrodes
  - Ag/AgCl **reference electrodes** (+ storage vial)
  - Platinum **auxiliary electrode**

- PK-4 working electrode polishing kit
- Standard glass cell vials (12)
- Low-volume cell vials
- Stir bar
- Cell lead clips
- Gas line tubing

### Specifications

**Inlet Gas Pressure:** 5 psi

**Fuses:** 2-2A Slow Blow at 100-240 V

**Power:** 100 - 240 VAC, 50/60 Hz

**Dimensions:** 11.5" H x 7" W x 9" D (29 x 18 x 23 cm)

**Weight:** 10.5 lb (5 kg)

### Ordering Information [Get Prices](#)

<b>EF-1085</b>	C-3 Cell Stand Package
<b>MW-2980</b>	Cell Stand Accessories (package less Cell Stand)
<b>MR-3818</b>	Teflon Cell Top
<b>MR-1208</b>	Cell Vials, 12/pkg.
<b>MF-2079</b>	RE-5B Ag/AgCl Reference Electrode, 3/pkg.
<b>MF-1084</b>	Low Volume Cell Vials, 6/pkg.
<b>MR-1212</b>	Water Jacketed Cell Vial
<b>MF-2062</b>	Non-Aqueous Ag/Ag+ Reference Electrode
<b>MF-2055</b>	Calomel Reference Electrode
<b>MF-2011</b>	Silver Voltammetry Electrode, 3 mm diam., 1 ea.
<b>MF-2012</b>	Glassy Carbon Voltammetry Electrode, 3 mm dia., 1 ea.
<b>MF-2070</b>	Glassy Carbon Voltammetry Electrode, 3/pkg.
<b>MF-2013</b>	Platinum Voltammetry Electrode, 1.6 mm dia., 1 ea.
<b>MF-2071</b>	Platinum Voltammetry Electrode, 3/pkg.
<b>MF-2014</b>	Gold Voltammetry Electrode, 1.6 mm dia., 1 ea.
<b>MF-2072</b>	Gold Voltammetry Electrode, 3/pkg.
<b>MF-2073</b>	Glassy Carbon, Plat. and Gold Electrodes, 1 ea.
<b>MF-2016</b>	Nickel Voltammetry Electrode, 3 mm dia., 1 ea.
<b>MF-2018</b>	Palladium Voltammetry Electrode, 1 ea.
<b>MF-2010</b>	Carbon Paste Voltammetry Electrode, 3 mm (w/o paste)
<b>CF-1010</b>	CPO Carbon Paste, 1 g
<b>MW-1032</b>	Platinum Auxiliary Electrode, 1 ea.
<b>ER-9132</b>	Stir bar, 1 ea.
<b>MW-1034</b>	CTFE Cell Top Plug
<b>EW-8135</b>	Cell Lead Box
<b>EW-4366</b>	Replacement Gas Solenoid Assembly

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