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Find the *Bioanalytical Systems C3 and 100B* at our website: *Click HERE*

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 required 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

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- 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

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

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