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ScienceDesk Faraday Cage Enclosure



FAR01
with ScienceDesk Frame
and Breadboard



Monitor Mount
Attached with
Post Adapter
(See Next Page)



Cable Port Kit
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Side Shelf Adapter
(See Next Page)

- Isolates Experiments from Disruptive Electromagnetic Waves
- Shielding Effectiveness of 55 dB at 10 MHz
- Removable Magnetic Panels for Quick Access to Experiment
- Post-Mounted ScienceDesk Accessories Fit Inside
- For 750 mm x 900 mm ScienceDesk Frame

The FAR01 is compatible with all of the accessories presented in this section except the PSY100 Wrist Rest and the Sample Preparation Shelves (PSY250, PSY251, and PSY252).

Experiments in electrophysiology, confocal microscopy, and other sensitive applications must often be shielded from external interferences such as electrostatic fields and high-frequency electromagnetic waves. Such disturbances can be caused by AM/FM radio waves, CRT oscilloscopes, and fluorescent light strips.

Faraday cages minimize the electromagnetic waves that interfere with an object placed within them. Waves that are significantly longer than the mesh spacing will be blocked. Thorlabs has designed the FAR01 Faraday Cage to attach to 750 mm x 900 mm ScienceDesk frames (see pages 30 - 32). The 16 count copper mesh has a shielding effectiveness of 55 dB (at 10 MHz).

The FAR01 is the perfect companion to the ScienceDesk. All post-mounted ScienceDesk accessories (i.e., shelving) can be mounted within the cage. Experiments within the cage can be easily accessed since the cage's panels are magnetically secured to the frame and can be lifted away as shown in the photo to the right. Two feed-through ports on the back panel offer Ø1.75" (Ø44.4 mm) clearance. Additional ports can be added by purchasing one or more of the PSY405 Cable Port Kits featured on the next page.

To further enhance the usability of a ScienceDesk outfitted with a Faraday Cage, additional accessories are available. These are featured on the facing page.



Panels are secured to the cage
frame using magnets.

ITEM #	\$	£	€	RMB	DESCRIPTION
FAR01	\$ 2,500.00	£ 1,800.00	€ 2,175.00	¥ 19,925.00	Faraday Enclosure for 750 mm x 900 mm ScienceDesk Frames

NEW