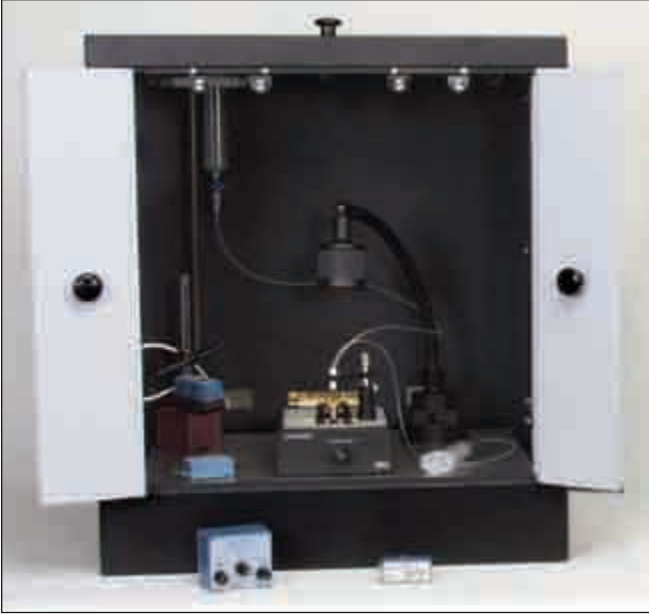


A self-contained, tabletop Faraday cage with vibration isolation

The **Faraday cage** provides critical shielding of electromagnetic interference from outside sources and is an integral component of the Bilayer Workstation. FC Series Faraday cages from Warner include the vibration isolation table and are designed to optimize the user's experience.



- Convenient benchtop design
- Enclosed vibration isolation table
- Passive or active support mechanisms
- Large access doors
- Magnetic closures
- Solid brass grounding block
- Durable powder coat finish

The Cage

The Faraday cage is a critical component in the Bilayer Workstation since it functions to shield the sensitive electronics contained therein from externally generated electrical interference. Without such, the ability to make single channel measurements would be mitigated.

FC Series cages from Warner are designed to be conveniently placed on a sturdy workbench and are supplied with a choice of automatic or manual vibration isolation table. A version of the cage without a table is also available.

Large access doors allow entry into the cage from all sides and the fan-fold front doors are designed to be placed out of the way when open. Doors along the base of each side allow access to table controls. There are also ports on the rear panel for entry of electronic cabling into the cage enclosure.

The Table

The cage is shipped with a custom 16" x 19" table manufactured for Warner Instruments by Kinetic Systems, Inc. When installed, the table is entirely contained within the cage enclosure and this design successfully isolates the tabletop from external acoustic and mechanical noise sources. The table has a steel top allowing the attachment of magnetically coupled devices to its surface.

Specifications

Dimensions (H x W x D)	25 x 22 x 18 in.
Materials	Aluminum with durable powder coat finish. Solid brass grounding block
Design	Electrically continuous cage with solid wall construction. Cage base accommodates 16" x 19" vibration isolation table (either automatic or manual support) manufactured by Kinetic Systems, Inc. Table top forms cage floor. Large panel doors with magnetic closures. Dual fan-fold front doors. Large panel doors on top and sides. Cage base has wing doors for access to vibration isolation table controls. Access ports on back panel for electrical connection to cage contents
Table	Specifications are supplied by Kinetic Systems, Inc. Contact our offices or Kinetic Systems for a copy of the table specifications
Model:	
FC-2	Faraday cage with automatic pneumatic vibration isolation table
FC-1	Faraday cage with manual pneumatic vibration isolation table, includes hand pump
FC-0	Faraday cage without vibration isolation table. This model has a shallow (1.5"), weighted base for improved access and stability in the absence of the enclosed table

Order #	Model	Product
W4 64-0062	FC-0	Faraday Cage without Vibration Isolation Table
W4 64-0063	FC-1	Faraday Cage with Manual Vibration Isolation Table (Includes Hand Pump)
W4 64-0064	FC-2	Faraday Cage with Automatic Vibration Isolation Table (Requires Pressurized Air)
W4 64-0081	KS-1	Vibration-Free Platform, 16 x 19 in, Manual Air, (Includes Hand Pump)
W4 64-0082	KS-2	Vibration-Free Platform, 16 x 19 in, Automatic Air