

SPI-Module™ Sputter/Carbon Coater System™



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SPI Module™ Sputter/Carbon Coater Systems™

The SPI Supplies Sputter/Carbon coating system allows the flexibility to choose between carbon evaporation and metal sputtering, all in the same system.

Features:

- Ability to evaporate carbon from either rods or fiber
- Sputters precious metals
- Both sputter and carbon units utilize the same vacuum base
- Stackable design minimizes the amount of table space required
- Quartz crystal thickness monitor available
- Water cooled base
- Adjustable stage height
- Simple to set up and use

System Specifications:

- Available in a wide variety of configurations
- 4" Diameter x 6" high Pyrex chamber
- Size: Vacuum base: 19" W x 13" D x 10" H
(48 cm W x 33 cm D x 25 cm H)
Sputter / Carbon Modules: 10" W x 13" D x 6" H
(25 cm W x 33 cm D x 15 cm H)

System Includes:

- Vacuum base with Sputter and/or Carbon module
- Stainless steel vacuum hose
- Sputter module includes a sputter head and gold target
- Carbon module includes a carbon fiber evaporation head

Site Requirements:

- Vacuum pump capable of at least 2.1 ft³/min
- Electrical Power: 110 V or 220V, 50/60 Hz
- High purity argon gas cylinder and regulator (recommended, for sputtering)



Option #1: Carbon Coater System

Includes:

- Vacuum Control Base
 - Carbon Coater Module
- With Carbon Fiber Head



Option #2: Sputter Coater System

Precious Metal Coating (e.g. gold coating)

Includes:

- Vacuum Control Base
- Sputter Coater Module



Option #3: Combination Sputter/Carbon Coater System

"The Works" Includes:

- Vacuum Control Base
- Sputter Coater Module
- Carbon Coater Module /
With Carbon Fiber Head
- Optional: Carbon Rod Head