



No. 12700: EFFA® Turbo II Evaporator

The EFFA® Turbo II Evaporator is the latest in a line of high quality vacuum equipment from Ernest F. Fullam, Inc. It provides the advantages of clean, high speed turbo pumping in a vacuum evaporator using only 15" x 20" of bench space.

The EFFA® Turbo Evaporator offers many convenient features:

- **Clean:** No diffusion pump. No backstreaming.
- **Mobile:** Air-cooled. Water lines not required.
- **Fast:** Chamber pumped to 10^{-3} torr in two and a half minutes from a cold start.
- **Versatile:** Modular vacuum chamber sections with accessory ports. Ports will accept windows, feedthroughs, evaporation kits and other accessories from the EFFA 12500 and 12510 Evaporators.
- **Easy to Operate:** Very simple controls: Main Power, Rotary Pump, Turbo Pump, and Filament Power.
- **Simple Maintenance:** Easily replaced O-rings.
- **Automatic Venting**

Standard Equipment

- Air cooled 150 liter/second turbo pump.
- Two modular vacuum chamber sections, 9½" ID x 5" high, each with six accessory ports.
- Cold cathode and pirani vacuum gauges.
- Two tempered Pyrex viewing windows and eight aluminum port covers on chamber sections. O-ring sealed.
- Two-stage Rotary Backing Pump and Hose
- Carbon evaporation kit: Specify No. 12005 1/4" rods or No. 12015 1/8" rods kit.
- Metal evaporation kit: Specify No. 12310 basket or No. 12330 boat kit.

- **Materials: Package of 6 tungsten boats or baskets, package of five carbon rods, two feet of gold wire, package of chromium chips, package of germanium chips, dark viewing glass.**
- **Operating Instructions. . . .POR**

Applicable Accessories:

No. 12710: EFFA® Evaporator Specimen Holder

No. 12525: Low Profile Rotary Tilting Coater

No. 12532: Sputtering Module

No. 18984: Sigma SQM-160 Thin Film Deposition Monitor

No. 12080: Rotary Shadower

No. 12550: Spring Loaded Triceps

No. 12540: Freeze Drying Stage

No. 12530: Rotary Coater For SEM Mounts



Contact Information

P.O. Box 492477, Redding, CA 96049-2477

Telephone: 530-243-2200; 800-237-3526

Fax: 530-243-3761