



GBC Scientific Equipment

Pre-Owned System 3000
Automated Graphite Furnace System*,
includes one (1) day installation and training,
and all shipping charges .
(US & Canada only)

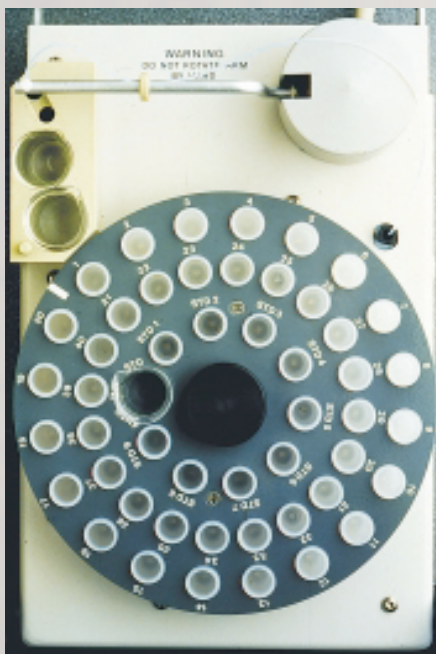
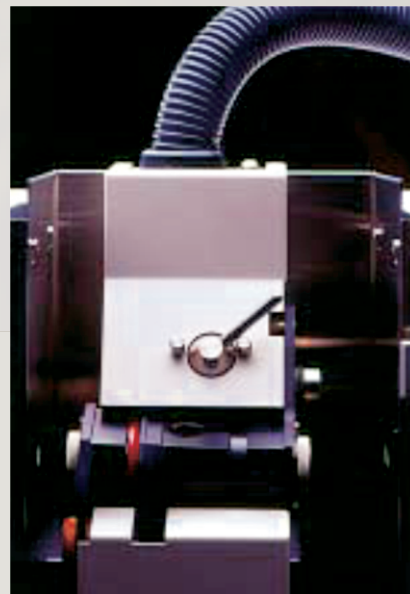
\$9,500.00

**NOTE: This accessory can only be utilized with GBC AAS (Atomic Absorption Spectrometer) instrumentation*

Comprised of GF3000 graphite furnace power supply and workhead plus PAL programmable automatic sample loader. Controlled by GBC AAS software.

GF3000 Furnace

Furnace assembly includes graphite tube (and platform if required) mounted in enclosure with quartz windows. Permanently connected to power supply by umbilical cord carrying gas, cooling water and electrical supplies. Two gas supplies. Temperature range ambient to 3000 deg C. Computer controlled maximum heating rate of 2000 deg C/sec. Temperature program of up to 10 steps, each with ramp and hold, gas selection and read option. Temperature controller monitors current and voltage and uses power feedback to provide accurate control over the full temperature range and during both ramp and hold stages. Interlocked to inert gas and cooling water pressures. Corrects for changes in cooling water temperature.



PAL 3000 Furnace Autosampler:

Accommodates 40 samples and 10 premixed standards or one stock solution for automatic mixing of up to 10 standards. Container volumes are: 2mL for samples and standards, 5mL for automix standard, 10mL for blank and chemical modifier. Dispensed volume is 1-100µL, programmable in 1µL increments. All-PTFE capillary. 1L rinse container. Probe set-up controlled by computer with coordinates stored in memory. Program options include automatic mixing of standards, automatic mixing of standard additions, automatic injection of chemical modifier, multiple injection, heated injection, automatic rescale or complete recalibration.



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