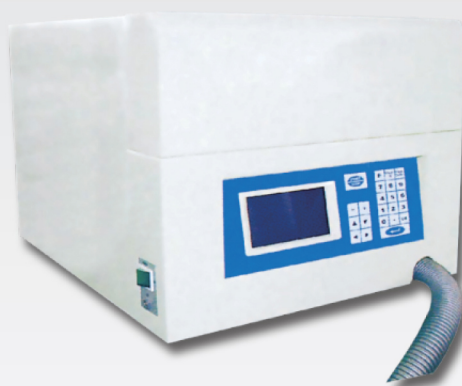


# Atomic absorption Spectrophotometer Accessories



## Model GA3202 HGA graphite furnace system

- 1、 Heating steps: 9 steps
- 2、 Temperature range (nominal Temperature): 20 °C~3000 °C
- 3、 Slope heating time: 0~999s
- 4、 Heating holding time: 1s~999s (the sum of both time should be less than 999 seconds)
- 5、 Inert gas needed: argon, pressure of entry larger than 0.3Mpa
- 6、 Cooling water: tap water or cycling water, flow rate no less than 2L/min
- 7、 Output: LCD
- 8、 Gas pressure alarm, furnace overheated alarm
- 9、 Interface with Atomic absorption spectrophotometer, autosampler and RS232
- 10、 High-power temperature heating function (1000 °C~2700 °C)
- 11、 Test sample together with atom absorption equipment. Cd  $\leq 1 \times 10^{-12}$ g; Cu  $\leq 1 \times 10^{-10}$ g
- 12、 Working Conditions:  
Power source: 220V $\pm$ 22V, 50Hz $\pm$ 1Hz, 3A  
220V $\pm$ 22V, 50Hz $\pm$ 1Hz, 30A  
Power: 5.1kW for 220V on about 2700 °C  
Ambient temperature: +10 °C~+30 °C  
Relative humidity: less than 85%  
Instrument rating power: 7.2kW



## AS800 Cooling Water Circulation Machine

It is an important optional accessory for supporting atomic absorption spectrophotometer and graphite furnace.

- Nominal cooling capacity: 800W
- Temperature control range: 5 ~ 35 (°C)
- Temperature control accuracy:  $\pm 0.1$  (°C)
- Pump head (max./rated): 10/8 (m)
- Flow (Max / Rated): 15/6 (L / min)
- Water tank volume: 15L
- Power supply: AC220V / 50Hz
- Instrument size: 330mm  $\times$  500mm  $\times$  500 mm

## AAH-1 Hydride Generator



AAH-1 hydride generator is used with atomic absorption spectrophotometer.

Measurement Method	Continuous Flow Injection
Reducing Agent	NaBH <sub>4</sub>
Sample Feed Rate	0 ~ 7mL / min
Reagent Feed Rate	0 ~ 2.5mL / min
Burning Head	Heating QuartzTube (Heating with acetylene combustion)
Carrier Gas	Ar, Supply Pressure 0.32MPa
Power Supply	220V, 50HZ, 30W
Size	290×220×208mm

## AS4020 Autosampler

The autosampler is an important optional accessory to improve the technical indicators and automation of the atomic absorption spectrophotometer.

Under the control of the graphite furnace system, standard solutions can be prepared automatically. It can be automatic sample preconcentration and dilution, and automatically add matrix improver, automatic cleaning and other functions.

- Number of sample cups: 95
- Sample cup capacity: 1.5mL
- Number of reagent cups: 5
- Reagent cup capacity: 5mL
- Injection volume: 1 ~ 95 $\mu$ L (1 $\mu$ L increment)
- Injection volume accuracy:  $\pm$  2% (20 $\mu$ L)
- Injection volume precision:  $\leq$ 1% (20 $\mu$ L)

