

## Hydride generator



High efficiency nebulizer common type metal glass.  
Lifting capacity 1-10mL continuously adjustable metal sleeve glass high-efficiency atomizer.  
Hydrofluoric acid resistant metal sleeve high-efficiency atomizer.

## Flame atomic absorption spectrometer

## Atomizer



High sensitivity: Determination of As, index: 0.08ng/ml/1%A.  
Low detection limit: 3 times the standard deviation calculation, numerical sensitivity is known as 2/3 (ng/ml), which can meet the requirements of sample 0.01-0.1ppm test.  
A high degree of automation: just press the start button can automatically complete the sampling, occurrence, reading, cleaning of the whole process. The single sampling 2-2.5 ml, the single measurement time is less than 30s.

Mainframe	AA-1800F	AA-1800C	AA-1800D
Light Source	≤3 lamps automatic turret, automatic alignment	≤6 lamps automatic turret, automatic alignment	≤8 lamps automatic turret, automatic alignment
Power Supply	110/220V (+5% ~ -10%), 60/50Hz; 5000VA		
Lamp Current	pulsed power supply		
Optical System	large 1800 /mm grating ruling, full closed optical system		
Wavelength Range	180nm-900nm Automatically peak find, a key optical optimization function		
Wavelength Accuracy	±0.15nm		
Wavelength Repeatability	±0.1nm		
Spectral Bandwidth	0.1nm, 0.2nm, 0.4nm, 1.0nm, 2.0nm (5 steps with automatic changeover)		
Baseline Stability	±0.002A/30 min (Static)	±0.005A/30min (Dynamic)	
Absorbance Range	0-4A		
Detector	imported photomultiplier tube		
<b>Flame Analytical System</b>			
Burner Head	full titanium combustion head, 50mm or 100mm general combustion head		
Atomization Chamber	polymer explosion-proof spray chamber		
Nebulizer	atomizer efficient glass atomizer, can also be customized		
Ignition Type	microcomputer control, automatic ignition		
Gas Control	automatic gas control system		
Detection Limits(Cu)	0.002μg/mL		
Precision	RSD ≤0.5%		
<b>Data processing</b>			
measurement method	Flame, Hydride - Atomic Absorption		
calculation method	Standard curve method (1 ~ 3 times curve), automatic fitting, standard addition method		
The number of measurements	1-99 times, calculate the average, give the standard deviation and the relative standard deviation		
The result is printed	Parameter printing, data printing, graphic printing, export WORD, EXCEL document		