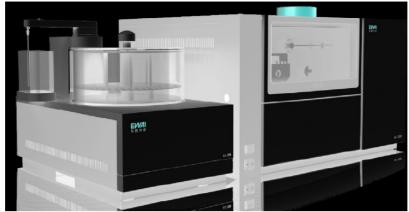
## **AFS SERIES**

**AF-7550 Dual-Channel Hydride Generation - Atomic Fluorescence** 

**Spectrometer** 



The precise and intelligently controlled injection system combines a six-way valve and a variable quantitative tube. It is accurate, convenient and durable. The unique variable quantitative tube design has the advantage of an injection pump.

- A highly effective gas-liquid separation systemThe effective separation system allows for reduction of the colorless flame noise level, lower detection limit, expanded linear range and improved analysis accuracy.
- Environmentally friendly, economical low-flow gas system

A mass flow gas control module is used to achieve precise and accurate gas flow control which can be continuously adjusted. Control is consistent, stable and reliable.

• Coded hollow cathode lamp

Coded hollow cathode lamp allows the instrument to automatically recognize the element lamp, and monitor the usage of each lamp. Three-dimensional lamp position adjustment allows the lamp beam to be focused to the optimal point.

• Three-dimensional adjustable infrared atomizer

The three-dimensional position adjustment allows for optimization of the atomizer focal point. By using infrared heating technology, we can heat faster, control the temperature more precisely, and improve durability.

- Short focal length lens, fully enclosed non dispersive optical system.
- The anti-corrosion fluid path system makes the instrument more secure and reliable.
- Economical analysis, with significantly reduced argon consumption
- Fast and reliable Ethernet communication
- High performance autosampler, with automatic on-line dilution