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