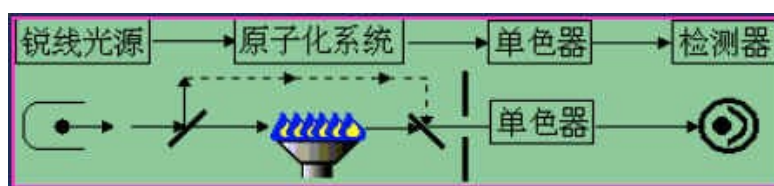


§7.2.1 Atomic Absorption Spectrometer

一、Instrumental components



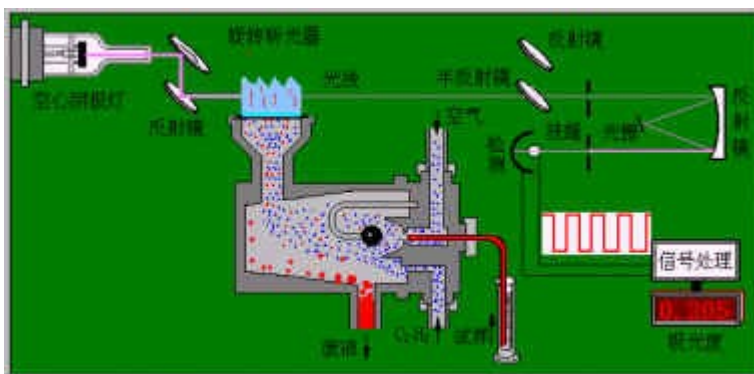
二、Process



The basic components of atomic absorption spectrometer is shown in this figure. Comparison with ultraviolet-visible, it has the sameness and the difference markedly.

There are differences between atomic absorption spectrometer and ultraviolet-visible:

1. Using sharp line source;



2. Monochromator is between flame and detector;

3. Possessing atomization system.

三、Types of Instrumen

1. Single-beam System
2. double-beam System

Outline of this page : The major parts and flow in atomic absorption spectrophotometers, and its characteristic.

Thinking subject of this page: Why the monochromator of atomic absorption spectrophotometers is between the flame and detector?

Thinking subject of next page: Why the hollow cathode light is sharp line source?