Model :

XMMA-A10

Fluorescence Analyzer

Features :

- High sensitivity and high baseline stability with detection limit of 0.001ng/ml
- Excellent short term and long term accuracy
- 3 available modules; Peristaltic pump sampler, Gas mercury injection
- device, Solid pyrolysis mercury injection device
- Single chip control peristaltic pump injection for accurate injection and
- good reproducibility
- Gold film absorption method, pyrolysis mercury and direct automatic
- monitoring of atmospheric mercury content
- Pyrolysis furnace, solid mercury sample pyrolysis direct injection
- measurement, to simplify the measurement process
- Particularly suitable for ultra-trace liquid mercury testing
- Original plug-in reaction bottle, easy to clean, high reliability and
- sensitivity
- Simple and easy user friendly interface

Overview

Fluorescence Analyzer XMMA-A10 is a modular designed instrument offering detection limit of 0.001 ng/ml. Features high sensitivity with high baseline stability, provides excellent short term and long term accuracy. With three available modules namely: Peristaltic pump sampler, Gas mercury injection device, Solid pyrolysis mercury injection device ensures reproducibility, automatic monitoring and simple measurement respectively. This device is mainly suitable for ultra-trace liquid mercury testing.

Specifications :

Design	Modular
Measuring range	0.003 to 100ng/mL
Detection limit	≤ 0.001ug/L
Working curve correlation coefficient	y ≥ 0.999
Relative standard deviation	c.v ≤ 3%
Noise	<±0.02 mV
Zero drift	<± -0.05 mV
Modules	3
Argon or nitrogen	purity>0.9999
Power	220 V, 50 Hz, 100 W
Dimension	435×420×230mm
Net weight	15 kg

Applications :

Fluorescence analyzer finds applications in the determination of water, air, soil, minerals, food and biological samples of trace mercury across environmental monitoring, food hygiene, water, hydrogeology, petrochemical and other departments.