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## Lumina 3300—Atomic Fluorescence spectrometer


**Details:**

The LUMINA 3300 Atomic Fluorescence Spectrometer provides elemental analysis solutions for sub trace detection of hydride-forming elements.

The unique vapor generator provides enhanced sensitivities and reduced interferences for parts per trillion (ppt) detection of Mercury (Hg), Arsenic (As), Cadmium (Cd), Zinc (Zn), Bismuth (Bi), Selenium (Se), Tellurium (Te), Antimony (Sb), Tin (Sn), Germanium (Ge), and Lead (Pb).

The LUMINA 3300 is ideal for elemental analysis in various research sectors, including; environmental, agricultural, geological, metallurgical, pharmaceutical, clinical and petrochemical.

**Applications:**

- Clinical
- Environmental/Public Health/Disease Control
- Agricultural/Food Safety
- Geological/Metallurgical
- Pharmaceutical

For more information please contact:

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- Petrochemical

**Features & Benefits**

- Sub-trace level detection limits for Mercury and hydride forming elements
- Linear dynamic range of 10<sup>3</sup>
- Covered optical design
- Dual-channel simultaneous measurement All-in-one mixing manifold, low dead volume, high efficiency, double gas/liquid separator design
- Automatic Ar-H<sub>2</sub> flame ignition
- Integrated exhaust system
- Vapor/Hydride Generator
- Revolutionary Gas/Liquid Separator
- Reaction/Mixing Manifold
- Covered Optical Design
- Dual Channel Simultaneous Analyses
- Integrated Exhaust System User-Friendly, Windows-Based Software
- XYZ autosampler (optional)

**Detection limit**

Element	Detection limit (ng/l)	RS(%)
As, Se, Pb, Bi, Sb, Te, Sn	10ppt	<1.0
Hg, Cd	1 ppt	<1.0
Zn	2000ppt	<1.0
Ge	50ppt	<1.0

**Linear range:**

Over 10<sup>6</sup>

**Power requirement:**

AC 220/110V 1100 watts 50/60hz 5a/10a

**Dimensions:**

L: 66cm x H 38cm x W 48cm