

AA-6200

Shimadzu New Double Beam Technology Recombines
High Performance and Affordability



Easy Operation

Use of Windows™ software provides easy operation for system control and data processing. The Wizard function guides the user through the entire analytical procedure. Worksheets permit the experienced user direct access to all the parameter settings.

Compactness

Shimadzu AA-6200 uses one of the least linear bench space of any Atomic Absorption Spectrophotometers in the world. In spite of its compactness, the performance has not been compromised. In fact, the AA-6200 outperforms other atomic absorption instruments many times its physical size.

Double Beam & D₂

The double beam system provides superior baseline stability expected from high performance optical systems.

The BGC-D₂ (Deuterium Background Correction) Compensates for matrix interferences.

Affordable

This affordable double beam AA-6200 is designed and manufactured to meet your laboratory needs. The instrument offers not only an affordable solution to your analytical needs and requirements, but it also provides features usually available only on high-end instruments.

From Raw Data to Final Report

The AA-6200 Windows™ software utilizes Wizards to worksheets to aid the user from the setting of parameters to the final results. A summarized report will be generated including all sample identifications from the entire multi-element sequence.

- Choice of calibration curves for real-time monitoring of the standards. Double clicking on the calibration curve will display an expanded view of calibration curve with equation and curve fit.
- The last five measurements are displayed for quick comparison of measured data. Overlay of signals is possible.
- Digital and analog measuring of real time signals.

Action	Sample ID	Curve ID	X	Abs.	Conc. (ppm)	Actual Conc.	Actual Conc. Unit	CV(%)
UNK [4]	River water 4	1	<input type="checkbox"/>	0.1570	0.7512	7.5124	ppm	
UNK [4] AVG	River water 4	1	<input type="checkbox"/>	0.1564	0.7484	7.4844	ppm	0.3609
UNK [5]	River water 5	1	<input type="checkbox"/>	0.1261	0.5980	5.9801	ppm	
UNK [5]	River water 5	1	<input type="checkbox"/>				ppm	
UNK [6]	Waste water 1	1	<input type="checkbox"/>				ppm	
UNK [7]	Waste water 2	1	<input type="checkbox"/>				ppm	
UNK [8]	Waste water 3	1	<input type="checkbox"/>				ppm	
UNK [9]	Waste water 4	1	<input type="checkbox"/>				ppm	
UNK [10]	Waste water 5	1	<input type="checkbox"/>				ppm	

- Clicking on the "Summary" tab reveals a sophisticated Summary Report. The report summarizes sample identification versus all elements analyzed.
- Selecting the [Start] button begins the analytical sequence including automatic saving of all results.
- Each element's MRT* worksheet contains information on sample type and identification, absorbance, background, concentration for the calibration curve, final concentration of original samples based on weight and dilution factors. (*MRT: Measured result Table)



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