



Mayura Analytical LLP
Specialists in Analytical Instrumentation

Auto Silver Titrator

*Mayura Analytical LLP is a leading organisation in analytical instrumentation that provides solutions to research institutions and industries to diagnose and resolve their analytical needs. Our pioneering products are made in India for the Indian market and beyond since our inception in 1984. We are widely acknowledged for our approach to chemical analysis and to customer troubleshooting. As recognised suppliers of analytical equipment to the **Indian Institute of Science (IISc), Bangalore and Indian Institute of Technology (All India)**, preeminent research and technology institutions of India as well as large industries such as **BIOCON**, we have cemented our standing in the market with our cutting edge expertise and solution focussed approach.*

We serve the silver industry with our Auto Silver Titrator for silver assay estimation. Silver assayers, jewellers and hallmarking laboratories use this particular equipment as part of their testing and validation process. Using our equipment, the analysis time is reduced significantly compared to manual process. Also, the process automation provides unbiased computer validated results.





Mayura Analytical LLP

Specialists in Analytical Instrumentation

Key features

In order to support this application, the *Auto Silver Titrator* comes with a range of features to make analysis simpler and accurate.

- Hardware validation with computer printouts
- Software validation with computer printouts
- Administrator login password
- User passwords to hold data integrity
- Audit trail to follow any data correction
- Graphic potentiogram printout
- First derivative of Potentiograms for easy observation of end point
- Multiple end point titration with auto stop for each end point
- Report printout with average of up to 5 trials
- Future addition of statistical interpretation
- Burette calibration, correction of dosed volume (a unique feature) and burette correction

Specifications

- Volume dosing: 0.001 to 999.999ml
- Volume resolution: 0.001ml to 1 μ l
- Auto Fill and Dose during titration process
- Moisture measurements from low PPM to 100%