

## Take Control of Your Plating Bath

### Programmable System for Analysis of Organics and Inorganics



The Qualilab QL-5E is the newest generation of CVS instrumentation capable of quantitative determination of organic additives in almost every electroplating solution.

The QL-5E can also assay for inorganic components. Fully controlled by software, the QL-5E performs analyses automatically, prompting the user throughout the procedure as it calculates and reports the active concentration of additives and their components in the bath. ECI's decades of electroanalytical experience have been programmed into automated, user-friendly procedures to increase accuracy, decrease analysis time and extend the versatility of the instrument with new applications.

# QUALILAB® QL-5E

Qualilab is Plating Bath Analysis with CVS Accuracy

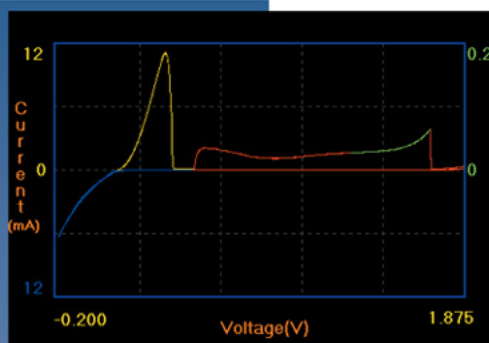
# QUALILAB® QL-5E

**Easy-to-use, reliable, unfailingly accurate, built to last and affordable...that's the QL-5E**

## Features and Benefits

The QL-5E comes "fully packed" with all the features we know are important to you. You'll find:

- User friendly menu-driven operating system with on-screen help menu for trouble shooting
- Pre-programmed procedures for characterizing almost every proprietary combination of organic and inorganic components of plating solutions
- PC with color monitor and printer
- Voltammograms (fingerprints) are displayed live to monitor build-up of undesirable plating bath contaminants or their removal from the bath during carbon treatment
- Multi-head capability eliminates cross contamination of solutions and allows increased speed of analysis
- Automatic syringes for improved operator efficiency and accuracy, laboratory personnel will be freed up for other tasks
- Expanded applications software, including SPC information
- Password protection for critical menus



## Typical Applications

Ideal for Almost Every Plating Process

With the QL-5E, you'll get accurate, reliable monitoring of organic additives, inorganic components and contaminants.

In addition the QL-5E is excellent for:

- Incoming and outgoing inspection of additives
- Optimization and monitoring of carbon treatment procedure
- Studying the component consumption rate
- Optimizing new plating processes and developing new formulations

But most importantly the QL-5E will provide fast, accurate results and will keep your process sailing smoothly.

### Select Memory

Analysis of Acid  
Analysis of Chloride  
Analysis of Contamination  
Analysis of Copper  
Analysis of Enthone Viaform Leveler  
Analysis of MacDermid PPR Additive  
Analysis of Nickel  
Analysis of Saccharin  
Analysis of Shipley Ultrafill Suppressor  
Analysis of Tin



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