

## LineSmart® 8000

### ONLINE CVS MONITORING UNIT

- ✓ Continuous analysis of Carrier, Brightener and Leveler
- ✓ Automatic addition of the organics additives based on analysis results
- ✓ Cost-Controlled preventive maintenance schedule
- ✓ Ethernet Hub for Analysis results and Alarms transfer to central system

### LineSmart® 8000 ORGANIC ADDITIVES ANALYZER

This electrochemical analyzer is our latest generation of CVS devices. This instrument analyze automatically and continuously the organics additives directly from the plating line.

### AVAILABLE PROCESSES :

Process library including the major chemical suppliers (Atotech, Dow, Macdermid-Enthone, Schloetter, Technic, JCU, etc...)  
If your process is not available, our R&D lab can build the CVS procedure for your additives.

### APPLICATIONS :

Manufacturing industry for PCB, electronic connectors and semiconductors.



## CHARACTERISTICS LineSmart® 8000

This unit is completely controlled by PLC. The Windows based software allows to configure in a single screen all analysis parameters.



- Complete Additives analysis giving precision control with smart replenishment dosing
- The LineSmart® uses microsyringes for a precise delivery of the reagents
- Automatic rinsing function and production sample circulation

**THE LineSmart® 8000 UNIT IS DESIGNED TO ALLOW A PERFECT CONTROL OF YOUR PLATING ADDITIVES COMPONENTS DURING YOUR PRODUCTION**

## CONTROL SOFTWARE OF LineSmart® 8000

The system will automatically control, measure and save the results.

The unit is using a proprietary software which completely control the system.

The software allows the operator to define the working parameters of the unit (number and duration of the rinses, Alarm limits for the organic additives, etc...).

The software shows the last three results of each component on the screen with time and date.



## CHARACTERISTICS

CHEMICAL ITEM	ACCURACY	REPEATABILITY
ACCELERATOR	7%	5%
SUPPRESSOR	7%	5%
LEVELER	7%	5%

## LineSmart® 8000 OPTION AVAILABLE :

Multiple tanks analysis (up to 3)

## ADVANTAGES LineSmart® 8000 :

- ✓ Better reproducibility of the measurement thanks to the automatic additions
- ✓ Decrease of the human factor in the measurements
- ✓ Immediate follow up of the bath, increased reactivity in case of issue
- ✓ Continuous recording of the bath, no stop during night or week end
- ✓ Better control of the organics thanks to the autoreplenishment capability