



MPC

Analyser | Dépolluer | Valoriser



T100®



- Multisample CVS unit,
- 3 Electrodes system,
- DI water shower position for the rinsing of the electrodes
- Capability to analyze all your organic components on the same carousel,
- Windows based software, ease-of-use,
- Automatic saving of the result in Excel file.

T100® CVS Analysis system

We offer a wide range of CVS equipments for the control of the organics in the acid Copper and tin-Tin/Lead plating baths

The T100® is our multisample lab CVS capable to analyze up to 17 samples depending on the applications. This system will required only preparation of the solutions by the operators, analysis will be done automatically after that.

AVAILABLE PROCESSES :

Process library including the major chemical suppliers (Atotech, Dow, Macdermid-Enthone, Schloetter, Technic, JCU, etc...)

Our laboratory can also directly set up analysis for the new processes even from local chemical suppliers.

APPLICATIONS :

Manufacturing industry for PCB, electronic connectors and semiconductor.

CHARACTERISTICS T100®



Our T100® analyzer already gets a wide range of process library available. The unique CVSmanager software will record all the current and potential values from the analysis curves, but also from the calibration curves as well as all analytical results which will be stored in a dedicated Excel file. It also gives you the capability to create your own



The T100® analyzer has the capability to process up to 17 samples for CVS analysis. The max number of samples is depending on the application. The T100 is also having an innovative fresh DI water shower for the rinsing of the electrodes between the analysis. No more dead rinse, no position occupied by rinsing, always fresh DI water.

The T100® uses a three electrodes system : A rotating electrode with a platinum tip, a silver/ silver chloride reference electrode with a glass double junction, a platinum auxiliary electrode in order to avoid any contamination during the analysis. Those electrodes are easily accessible for the preventive maintenance.

CVSManager[®] CONTROL SOFTWARE

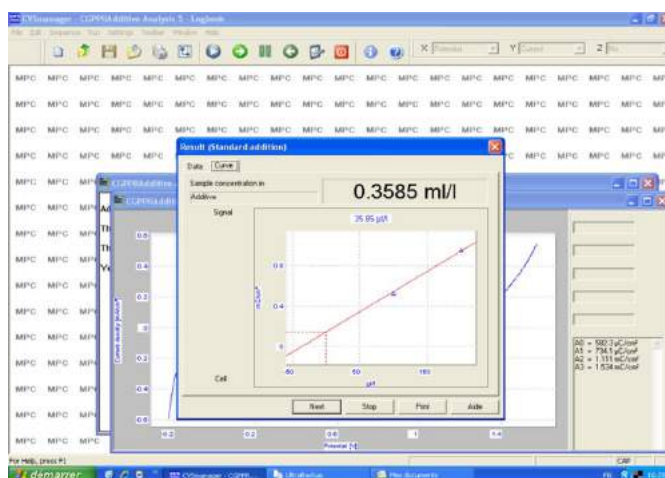
The system will automatically control, measure and store the analytical results.

The Windows based software allows an easy and intuitive handling by the operator and the supervisor guaranteeing a security in the analyzes.

The operator level is dedicated to the day-by-day analysis while the supervisor level allows to verify the values but also change the analysis parameters.

CVSmanager[®] Advantages :

- All analysis parameters are accessible from a single screen
- All analytical results are automatically stored in a dedicated Excel file
- The software allow to performs different types of cvs analysis on the same carroussel.



TECHNICAL CHARACTERISTICS

potential	V	± 12.5 v
current	A	± 100 mA v
polarization potential	V	± 5 v
rising time	µs	< 2
potential ranges	3 ranges(5/2/1V)	
current ranges	7 ranges(100nA to 100 mA)	
rotation speed	0 - 4750 rpm (+/-1.2 rpm)	

T100[®] System Advantages :

- Up to 17 samples position depending on the applications
- Innovative fresh DI water rinsing shower for the electrodes between the analysis
- Capability to run Brightener, Carrier and Leveler on one run
- Reduce the operator busy time with CVS analysis, complete automatic system

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