



MPC

Analyser | Dépolluer | Valoriser



CVSmart®

- Mobile CVS unit,
- 3 Electrodes system,
- Rotating electrode with adjustable speed,
- Routine CVS analysis,
- Windows based Software , ease-of-use,
- Automatic saving of the result in Excel file.

CVSmart® 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 CVSmart® is our lab equipment with its compact design and ease-of-use. It allows a perfect control of your baths and will be easily handled by the operators

AVAILABLE PROCESSES :

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

Our Laboratory can also directly set up the new types of analysis.

APPLICATIONS :

Manufacturing industry for PCB, electronic connectors and semiconductors.

CHARACTERISTICS CVSmart®



Our CVSmart® 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 analytical sequences.



The CVSmart® can have, as an option, an automatic device for addition of the analysis reagents, the Dosmart®. The operator is then free to perform other actions while the analysis is running. The system is connected through a USB port, the PC used for the control of the system is completely independent. The software has two level of operation, operator level is for basic analysis and supervisor level which allow the modification of the different analysis parameters.

The CVSmart® 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 have a direct access which allows an easy preventive maintenance and ease-of-use.

CVSManager® CONTROL SOFTWARE

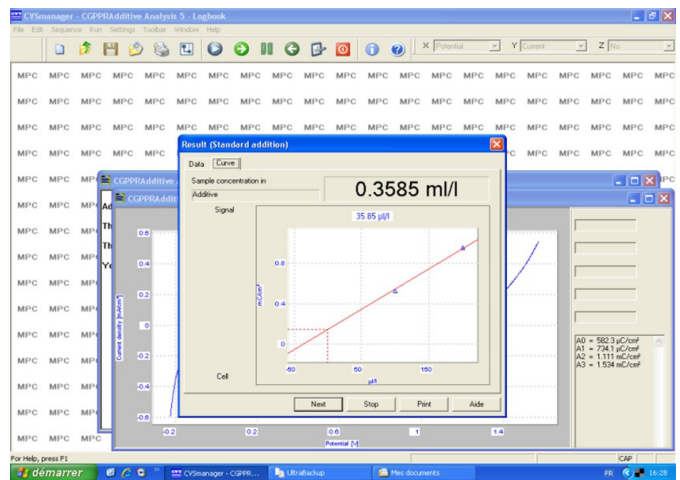
The system will automatically control, measure and store the analytical results.

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

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

CVSmanager® Advantages :

- All analysis parameters are accessible from a single screen
- All analytical results are automatically stored in dedicated Excel file,
- The Softwares allows to perform other types of measurement.



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)	

DOSmart® :

Automatic dosing additions system for CVSmart®

Advantages :

- 2 syringes system,
- Operator time saving,
- Better reproducibility of the additions,
- Decreased risk of Human factor.

M.P.C. Headquarter (siège France)

53, Cours Aristide Briand
69300 CALUIRE

Tel: +33 (0) 472 717 183
Fax: +33 (0) 437 280 425
Email: mpc@mpc-web.com

Bureau M.P.C. Chine Wuxi

Wuxi Grandmake Trading Co., Ltd.
Room 2717-2721, 282 Changjiang North Road
Colombus Plaza, New District
Wuxi, Jiangsu Province, P.R.China

Tel: +86 (0510)8270 6722
Fax: +86 (0510)8270 9037
Email : mpc@mpc-web.com

M.P.C. Taiwan

Bureau Taiwan Taipei
6F, No. 6, Section 4, Hsinyi Road,
Da-an District, Taipei City 106

Tel : +886 (3) 3521 520 ext 10
Email: mpc@mpc-web.com