



797 VA Computrace fully automated for CVS

MVA-13

MVA-13 is an analysis system for the fully automated determination of organic additives in sample series of electroplating baths in routine laboratory work using the CVS technique ("Cyclic Voltammetric Stripping"). Up to 56 samples can be investigated with respect to suppressor content with the 838 Advanced VA Sample Processor. Up to 28 samples can be analyzed automatically during brightener determination. The possibility of recalibrating methods during a sample series guarantees the highest of accuracy. Comprised of 797 VA Computrace for CVS, 838 Advanced VA Sample Processor, three 800 Dosinos and rinsing equipment.

The system is supplied with extensive accessories for a complete measuring site setup, including VA Computrace software and electrodes: rotating Pt disk electrode (RDE), Ag/AgCl reference electrode and Pt auxiliary electrode.

Below, the accessories are grouped into Scope of delivery and Optional accessories. Please keep this printout at hand for ordering replacement material. These lists may be subject to change.

Scope of delivery MVA-13

Qt.	Order no.	Description
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3 PCS

2.800.0010

800 Dosino

The 800 Dosino is a drive with write/read hardware for intelligent Dosing Units. With fixed cable (length 150 cm).



1 PCS

2.843.0040

843 VA Membrane Pump Station for Compact VA systems

The 843 Membrane Pump Station has two built-in membrane pumps that can be controlled directly by the 797 VA Computrace via the remote signal. It is used for the automatic rinsing and emptying of the measuring vessel in partly automated and fully automated VA and CVS systems with the 797 VA Computrace.

The version for voltammetry is equipped with the complete accessories for the automatic rinsing and emptying of the measuring vessel.



2 PCS

6.1608.050

Drying bottle / 100 mL / GL 45



1 PCS

6.1608.070

Eluent bottle / 2 L / GL 45



2 PCS

6.1618.060

Thread adapter GL 45 to GL 45

Thread adapter GL45 to GL45; e.g. for reagent bottles with extended flange



1 PCS

6.1805.020

FEP tubing / M6 / 52 cm

With light and kink protection



1 PCS

6.1805.120

FEP tubing / M6 / 100 cm

With light and kink protection



3 PCS

6.1805.530

FEP tubing / M6 / 2 m

With light and kink protection



1 PCS

6.1819.010

PTFE tube

As gas inlet in washing bottle of VA Stand



1 PCS

6.2055.100

Bottle holder, double

Bottle holder for 2 x 1 L bottles. For 6.5617.000 aspiration equipment



3 PCS

6.3032.120

807 Dosing Unit 2 mL

807 Dosing Unit with integrated data chip with 2 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



1 PCS

6.3032.250

807 Dosing Unit 50 mL

807 Dosing Unit with integrated data chip with 50 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



Optional accessories

Order no.	Description	
2.846.0010	846 Dosing Interface	
	USB-capable control unit for connecting a maximum of four 800 Dosinos or 805 Dosimats for dosing and Liquid Handling tasks. A Touch Control or the connection to a PC with OMNIS Software, tiamo™, MagIC Net, viva, or 797 VA Computrace is required for operation.	
6.1204.170	3 mm platinum electrode tip for CVS	
	Metal electrode tip made of platinum (Pt), diameter of electrode disk 3 mm, polished surface, M3 thread connection. Temperature range: 0 - 40 °C.	
6.1204.190	1 mm platinum electrode tip for CVS	
	Metal electrode tip made of platinum (Pt), diameter of electrode disk 1 mm ±0.02 mm, polished surface, shaft made of glass, M3 thread connection. Concentricity error: 0.2 mm. Temperature range: 0 - 50 °C.	