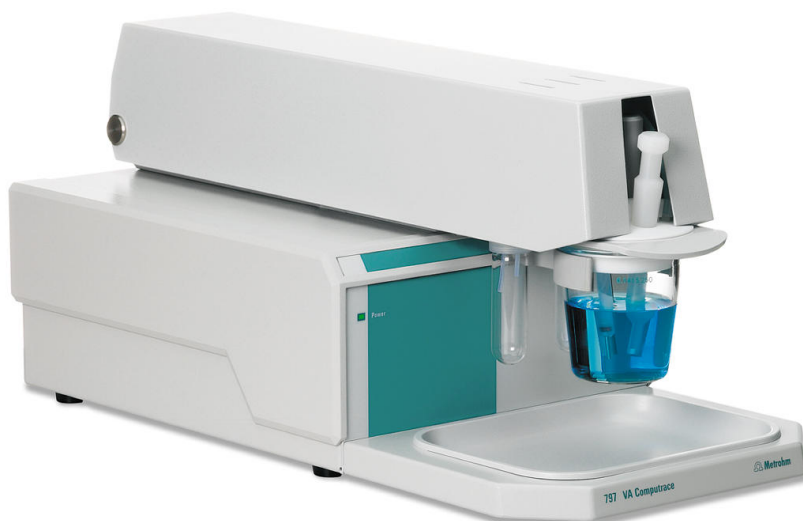




797 VA Computrace for CVS

2.797.0030

The 797 VA Computrace is a modern voltammetric measuring stand that is connected to a PC via a USB port. The computer software provided controls the measurement, records the measured data and evaluates it. Operation is most straightforward due to the well-laid-out structure of the program. The integrated potentiostat with galvanostat guarantees the highest sensitivity with reduced noise.

Voltammetry system for the determination of organic additives in electroplating baths with "Cyclic Voltammetric Stripping" (CVS). Complete accessories with VA Computrace software and all electrodes for a complete measurement system: Rotating platinum 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 2.797.0030

Qt.	Order no.	Description
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Voltammetry system for trace analysis and education. Complete accessories with VA Computrace software and all electrodes for a complete measurement system: Multi-Mode Electrode pro (MME pro), Ag /AgCl reference electrode and Pt auxiliary electrode.

Control and evaluation software for 797 VA Computrace. For the following operating systems: Windows * 2000, Windows * XP Professional, Windows * Vista (32-bit) and Windows * 7 (32-bit).



Driving axle for rotating disk electrode (RDE) with titanium axle for VA measuring stands, M3 thread.



Metal electrode tip made of platinum (Pt), diameter of electrode disk 2 mm ± 0.05 mm, polished surface, shaft made of glass, M3 thread connection. Concentricity error: 0.3 mm. Temperature range: 0 - 50 °C.

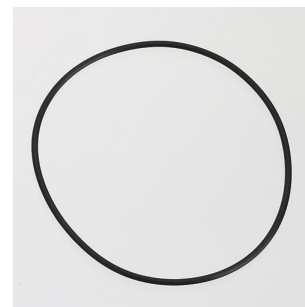


1 PCS

6.1244.020

Driving belt

For Rotating Disk Electrodes and stirrer in VA Stands (3 pieces).



1 PCS

6.1245.010

Electrolyte vessel made of plastic

Electrolyte vessel made of plastic with ceramic diaphragm for double junction reference electrode.



1 PCS

6.1415.210

Titration vessel / 10-90 mL



1 PCS

6.1415.250

Titration vessel / 50-150 mL



7 PCS

6.1446.040

Threaded stopper / M6



1 PCS

6.1801.080

Tubing for nitrogen connection

For supplying gas to voltammetry instruments



4 PCS

6.1808.000

Connection bushing M6



1 PCS

6.1824.000

Four-way micro dosing tip

With 4 x M6 thread. For VA measuring stands.



1 PCS

6.2151.020

Cable USB A - USB B 1.8 m

USB connecting cable



1 PCS

6.2308.020

Electrolyte 3 mol/L KCl (250 mL)

Electrolyte solution $c(\text{KCl}) = 3 \text{ mol/L}$, (for Ag/AgCl reference systems)



1 PCS

6.2310.010

Electrolyte KNO_3 -1mol/L 250 mL

Electrolyte solution KNO_3 1 M (reference electrolyte for combined silver electrodes)



1 PCS

6.2703.000

Stand ring for titration vessels



1 PCS

6.2709.040

Stopper for MME opening on VA Stand

For closing gas tubing of the Multi-Mode Electrode in VA Stands if not in use. E.301.0004 O-rings included.



1 PCS

6.2709.080

Stopper for pipetting opening

For 694, 747 VA Stands and VA Computrace



1 PCS

6.2711.040

Drip pan for VA Computrace



1 PCS

6.2739.000

Wrench

For tightening connectors



Optional accessories

Order no.	Description	
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). 
2.805.0010	805 Dosimat	Dosing device for the Titrando and Sample Processors with read/write hardware for intelligent Exchange Units. With permanently attached cable. Without Exchange Unit. 
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. 
2.843.0140	843 VA Peristaltic Pump Station for Compact VA systems	The 843 Peristaltic Pump Station has two built-in peristaltic 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. 

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.



Inner reference system without electrolyte, with lock bolt, for use with 6.1245.000 electrolyte vessel made of glass.



Metal electrode tip, silver (Ag). Electrode disk diameter 2 mm. M3 thread. Temperature range: 0 ... 40 °C.



Metal electrode tip, gold (Au). Electrode disk diameter 2 mm. M3 thread. Temperature range: 0 ... 40 °C.



6.1204.150

Lateral Gold Electrode Tip

Metal electrode tip, gold (Au), with lateral electrode surface. Electrode disk diameter 3 mm. M3 thread. Temperature range: 0 ... 40 °C.



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.



6.1204.180

Ultra Trace electrode tip

Carbon electrode tip from Ultra Trace graphite. Electrode disk diameter 2 mm. M3 thread connection. Temperature range: 0 - 40 °C.



6.1204.200

Stirrer for VA Stand

Stirrer for VA Stand, complete, metal-free



6.1204.220

Driving axle for rotating disk electrode (RDE) with mercury contact

Driving axle for rotating disk electrode (RDE) with titanium axle and mercury contact for VA measuring stands, M3 thread.



6.1241.020

Electrode holder

Electrode holder for VA auxiliary electrodes with lock bolt. For use with glassy carbon rod (6.1247.000) or platinum pin (6.1247.010).



6.1245.000

Electrolyte vessel made of glass

Electrolyte vessel made of glass with ground-joint diaphragm (standard ground-joint) for double junction reference electrode.



6.1247.000

Glassy carbon rod (GC)

For electrode holder 6.1241.020 or 6.1241.120 for VA auxiliary electrode.



6.1415.150 Titration vessel / 5-70 mL



6.1415.220 Titration vessel / 20-90 mL



6.1415.310 Titration vessel / 70-200 mL



6.1418.150 Titration vessel with thermostat jacket / 5-70 mL



6.1418.220

Titration vessel with thermostat jacket / 20-90 mL



6.1418.250

Titration vessel with thermostat jacket / 50-150 mL



6.1450.210

PFA titration vessel / 10 to 90 mL

For ultratrace analysis and for solutions containing fluoride.



6.1456.210

Measuring vessel / 10-90 mL

Measuring vessel for automated VA systems. Dilution vessel for Advanced IC Sample Processor



6.2141.180

Cable 797 VA Computrace to 838 Advanced VA Sample Processor to 731
Relay Box



6.2709.050

Stopper for stirrer opening on VA Stand

E.301.0004 O-rings included. Used for the stirrer opening of VA Stands.



6.2711.030

Tray for filling the MME

For 884 Professional VA, 797 VA Computrace, 757 VA Computrace and
647, 663, 694, 747 VA Stands



6.2730.030

Stopper

Complete with nipple and O-ring. For 6.1414.030 titration vessel lids. For
KF instruments, VA measurement stands, VA Computrace and IC Dilution.



6.2816.020

Syringe 10 mL with Luer connection

For various applications in IC and VA



6.2816.030

Needle with Luer connector

Needle for filling in mercury into the Multi-Mode Electrode and for sample addition in Karl Fischer titration.



6.1204.600

Glassy carbon electrode tip, shaft made of glass.

Carbon electrode tip made of Glassy-Carbon (GC). Diameter of electrode disk 2 mm $\pm$ 0.1 mm, polished surface, shaft made of glass, M3 thread connection, concentricity deviation: 0.25 mm. Temperature range: 0 - 50° C.



6.1204.190

1 mm platinum electrode tip for CVS

Metal electrode tip made of platinum (Pt), diameter of electrode disk 1 mm $\pm$ 0.02 mm, polished surface, shaft made of glass, M3 thread connection. Concentricity error: 0.2 mm. Temperature range: 0 - 50 °C.

