

Metrohm Water Solutions III

Order before December 31, 2012 and get FREE!!!

- 1 x 827 pH Lab
- 1 x 800 Dosino¹
- 1 x monograph «Analysis of water samples ... with Metrohm instruments»

All-in-one packages for
voltammetric trace analysis



¹With package II

 **Metrohm**



Metrohm ...

- is the global market leader in titration
- is the only company to offer a complete range of ion analysis equipment – titration, voltammetry and ion chromatography
- is a Swiss company and manufactures exclusively in Switzerland
- grants a 3-year instrument warranty and a 10-year warranty on chemical suppressors for ion chromatography
- provides you with unparalleled application expertise
- offers you more than 1300 applications free of charge
- supports you with expert service through local representatives and regional support centers
- is not listed on the stock exchange, but is owned by a foundation
- gives the interest of customers and employees priority over maximizing profit

Metrohm Water Solutions – the best value for your money

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Compact instrumentation, comparatively low investment and running costs, straightforward sample preparation, short analysis times and high accuracy and sensitivity – these are strong points in favor of using voltammetry in professional water analysis. Moreover, voltammetry (unlike spectroscopic methods) can distinguish between different oxidation states of metal ions as well as between free and bound metal ions. This provides important information regarding the bioavailability and toxicity of heavy metals.

You are doing environmental monitoring or research in limnology, oceanography or soil analysis? Well, this is the time for investing in voltammetric trace analysis.

From now through December 31, 2012 we are offering two all-in-one packages for voltammetric trace analysis. Take advantage of this special offer and we throw in

- a pH meter 827 pH Lab
- a model 800 Dosino dispensing system²
- the monograph «Analysis of water samples ... with Metrohm instruments»

absolutely FREE!



²With package II

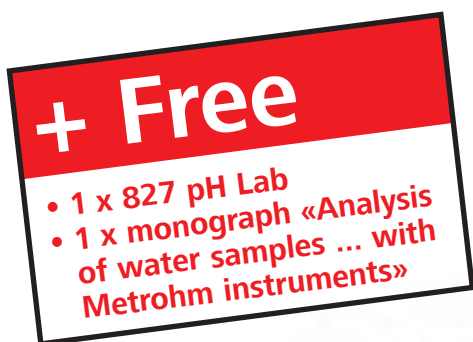
Package I: Water analysis basic

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Our entry-level package for the straightforward voltammetric determination of heavy metals in all kinds of water matrices. This system includes a 797 VA Computrace and two 800 Dosinos enabling the automated analysis of single samples. Adding auxiliary and standard solution for the calibration is carried out automatically by two dosing systems of the 800 Dosino type.

Our special offer: Order your Water analysis basic package before December 31, 2012 and we throw in a free 827 pH lab to determine the pH value in your sample or to adjust the pH value of your measuring solution.

- 1 x 797 VA Computrace including VA Computrace Software
- Multi-Mode electrode, Ag/AgCl reference electrode and platinum auxiliary electrode
- 2 x 800 Dosino for the automated addition of standard solutions
- All required accessories (bottles, tubing, etc.)



Ordering number 2.797.3010

Important applications

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Parameter	Standard	Matrix	Method
Zn, Cd, Pb, Cu, Tl, Ni, Co	DIN 38406-16	Drinking water, ground water, surface water, precipitation water	Voltammetry
U	DIN 38406-17	Ground water, raw water, drinking water	Voltammetry
CN ⁻	Sample preparation in compliance with DIN 38405-13	Waste water, drinking water	Voltammetry
Cd, Pb, Cu, Fe ^{II} /Fe ^{III} , Cr ^{VI} and others		Sea water, drinking water, surface water	Voltammetry
Cu, Fe, Zn, Co		Boiler feed water, cooling water	Voltammetry

Your benefits

- Semi-automatic system for routine analysis
- Automatic standard addition
- Automatic addition of buffer and electrolyte solution
- Modular, extendable system
- Total metal determination and speciation analysis
- pH meter for pH control



Package II: Water analysis automated

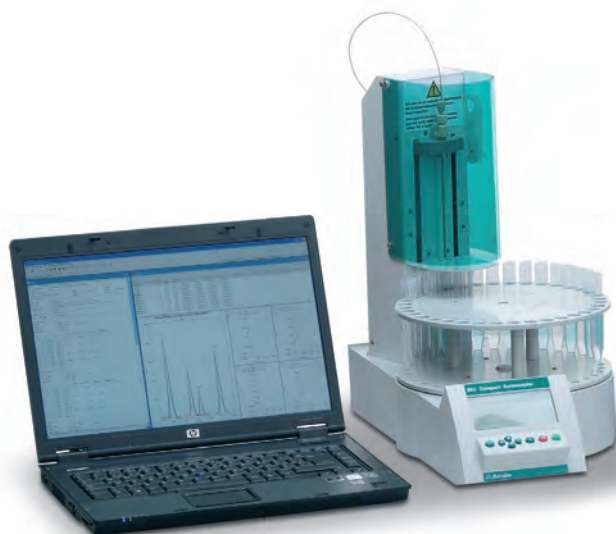
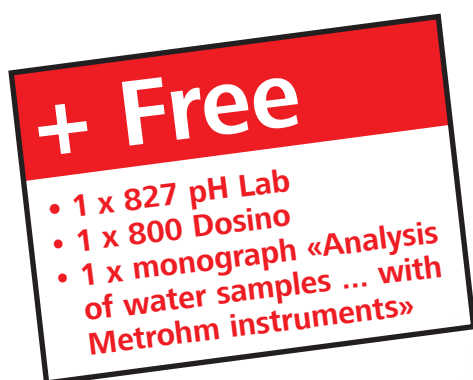
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This is our all-in-one package for the fully automated voltammetric determination of heavy metal ions in small sample series.

The 797 VA Computrace in combination with the 863 Compact VA Autosampler enables the automated processing of up to 18 samples. Adding auxiliary and standard solution for calibration is carried out by three model 800 Dosino dispensing systems. An 843 Pump Station prevents carryover effects as the measuring vessel is rinsed after each sample. This system is the perfect solution if your focus is on analyzing water samples to determine one or two target analytes.

Best of all, if you order this all-in-one package before December 31, 2012, we throw in one 800 Dosino for free making your liquid handling even more flexible, plus a 827 pH Lab.

- 1 x 797 VA Computrace including VA Computrace Software
- Multi-Mode electrode, Ag/AgCl reference electrode and platinum auxiliary electrode
- 2 x 800 Dosino for the automated addition of standard solutions
- 1 x 863 Compact VA Autosampler
- 1 x 843 Pump Station for automated emptying and rinsing of the measuring vessel
- All required accessories (bottles, tubing, etc.)



Ordering number: 2.797.3110

Important applications

Parameter	Standard	Matrix	Method
Zn, Cd, Pb, Cu, Tl, Ni, Co	DIN 38406-16	Drinking water, ground water, surface water, precipitation water	Voltammetry
U	DIN 38406-17	Ground water, raw water, drinking water	Voltammetry
CN ⁻	Sample preparation in compliance with DIN 38405-13	Waste water, drinking water	Voltammetry
Cd, Pb, Cu, Fe ^{II} /Fe ^{III} , Cr ^{VI} and others		Sea water, drinking water, surface water	Voltammetry
Cu, Fe, Zn, Co		Boiler feed water, cooling water	Voltammetry

Your benefits

- Fully automated analysis of small sample series in research and routine analysis
- Sample changer and rinsing station to change samples and prevent carryover effects
- Automated addition of up to 3 buffer or electrolyte solutions and standards
- Determination of total metal content and speciation analysis
- pH meter for pH control



water.metrohm.com