






Accessories for 2.884.0110

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 2.884.0110

| Qty. | Order no. | Description | |
|-------|------------|---|---|
| 1 pcs | 1.884.0010 | 884 Professional VA |  |
| | | <p>884 Professional VA is the universal entry-level instrument in the Professional VA/CVS instrument series. In conjunction with the compatible measuring head and compatible electrode set, you can perform trace analysis determinations, voltammetry with the Multi-Mode Electrode pro, or determinations of organic additives in electroplating baths, with "Cyclic Voltammetric Stripping" (CVS), "Cyclic Pulse Voltammetric Stripping" (CPVS), and chronopotentiometry (CP). The proven Metrohm electrode methods combined with a completely new design of potentiostat/galvanostat and the extremely high-performance viva software open up new perspectives. The potentiostat with a certified calibrator readjusts itself automatically before each measurement, thus guaranteeing maximum precision. The replaceable measuring head enables rapid changes between various applications with different electrodes.</p> <p>The viva software is required for control, data acquisition, and evaluation.</p> <p>The 884 Professional VA is supplied with reduced accessories, without measuring head and electrodes. Electrode set and viva license are to be ordered separately.</p> | |
| 1 pcs | 6.1256.020 | MME measuring head for Professional VA instruments |  |
| | | Measuring head for operation with the Multi-Mode electrode pro or the scTRACE Gold. | |
| 1 pcs | 6.1801.100 | PVC tubing / 4 mm / 7 mm / 5 m |  |
| 1 pcs | 6.2151.000 | Cable USB A – mini-DIN 8-pin Controller cable |  |
| 1 pcs | 6.2703.000 | Stand ring for titration vessels |  |

1 pcs **6.2711.090** **Drip pan for Professional VA/CVS instruments**



1 pcs **6.2739.000** **Wrench**
For tightening connectors



1 pcs **6.2813.050** **Dummy cell for Professional VA/CVS instruments**



Optional accessories

| Order no. | Description | |
|------------|---|---|
| 2.800.0020 | 800 Dosino Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 0.65 m). |  |
| 6.1110.120 | Pt1000 temperature sensor for CVS (installation length 9 cm) Pt1000 temperature sensor (class B) for Professional CVS Instruments. |  |
| 6.1256.010 | RDE measuring head for Professional VA/CSV instruments Measuring head for operation with rotating disk electrodes. |  |
| 6.1256.030 | SPE measuring head for Professional VA instruments Measuring head for operation with <i>screen-printed electrodes</i> (SPE) or the scTRACE Gold. |  |
| 6.1454.130 | Form seal made of FPM for 61414xxx for KF and VA instruments |  |
| 6.2104.140 | Electrode cable / 1 m / 2 x 2 mm For connecting temperature sensors with Metrohm plug-in head G with 780, 781, 826, 827 pH/Ion meters and all Titrandos |  |
| 6.5339.000 | CVS electrode equipment with 1 mm platinum electrode for Professional VA/CSV instruments Complete electrode set for the determination of organic additives in electroplating baths with CVS (Cyclic Voltammetric Stripping). Contains rotating platinum working electrode (electrode diameter: 1 mm), reference electrode, platinum auxiliary electrode, measuring vessels and electrolyte solutions. |  |

6.5339.010 CVS electrode equipment with 2 mm platinum electrode for Professional VA/ CVS instruments

Complete electrode set for the determination of organic additives in electroplating baths with CVS (Cyclic Voltammetric Stripping). Contains rotating platinum working electrode (electrode diameter: 2 mm), reference electrode, platinum auxiliary electrode, measuring vessels and electrolyte solutions.



6.5339.020 CVS electrode equipment with 3 mm platinum electrode for Professional VA/ CVS instruments

Complete electrode set for the determination of organic additives in electroplating baths with CVS (Cyclic Voltammetric Stripping). Contains rotating platinum working electrode (electrode diameter: 3 mm), reference electrode, platinum auxiliary electrode, measuring vessels and electrolyte solutions.



6.5339.030 VA electrode equipment with Multi-Mode Electrode pro for Professional VA instruments

Complete electrode set for polarographic and voltammetric determinations. Includes Multi-Mode Electrode pro, reference electrode, platinum auxiliary electrode, measuring vessel, stirrer, electrolyte solution and additional accessories for setting up and operating the Multi-Mode Electrode.



6.5339.040 VA electrode equipment with rotating disk electrode (RDE) made of glassy carbon for Professional VA instruments

Complete electrode set for voltammetric determinations, e.g. using mercury film method. Includes drive for rotating disk electrode, glassy carbon electrode tip, reference electrode, glassy carbon auxiliary electrode, measuring vessel, and electrolyte solution.



6.5339.050 VA electrode equipment with scTRACE Gold for Professional VA instruments

Complete electrode set for the determination of arsenic or mercury. Includes holders for scTRACE Gold, scTRACE Gold, stirrer and measuring vessel.



6.5339.060 CVS electrode equipment with 2 mm platinum electrode for Professional VA/ CVS instruments for intensive use

Complete electrode set for the determination of organic additives in electroplating baths with CVS (Cyclic Voltammetric Stripping). Contains rotating platinum working electrode (electrode diameter: 2 mm), driving axle with mercury contact, maintenance-free gel reference electrode, platinum auxiliary electrode, measuring vessels and KCl electrolyte solution.



6.5339.070 VA accessory equipment with SPE electrode shaft for professional VA instruments

Accessory equipment for use with *screen-printed electrodes* (SPE). Contains electrode shaft for screen-printed electrodes, stirrer, and measuring vessel. Without electrodes.



6.5339.500 Equipment with 2 dosing units for VA and CVS measurements

Accessory set for two auxiliary solutions for expanding VA or CVS systems. Contains two 2 mL dosing units, two 100 mL clear glass bottles, bottle holder for two bottles and connector material. Without Dosinos.



6.5339.510 Basic equipment with two dosing units for VA measurements for 884 Professional VA

Accessory set for two auxiliary solutions for expanding manual VA systems. Includes one 2 mL and one 5 mL dosing unit each, clear glass bottles 100 mL, 250 mL and 2 L, bottle holders for 2 bottles, one 4-way microtip, and connector material. Without Dosinos.



6.6065.212 viva 2.1 Full CD: 1 license

Computer program for control and data management of Professional VA/CVS instruments. The software permits checks, data acquisition, evaluation, and monitoring, as well as report generation.

Graphic user interface for routine operations, extensive database programs with reevaluation, graphic method editor with numerous templates, system configuration, very flexible user administration, extensive data export functions, individually configurable report generator.

Includes the measuring modes "Differential Pulse" (DP), "Square Wave" (SQW), "Cyclic Voltammetric Stripping" (CVS), "Cyclic Pulse Voltammetric Stripping" (CPVS), and Chronopotentiometry (CP). The following calibration techniques are supported: standard addition, external calibration, DT (Dilution Titration), LAT (Linear Approximation Technique), MLAT (Modified Linear Approximation Technique), RC (Response Curve).

Dialog languages: German, English, Chinese.

The following instruments are supported:
884 Professional VA, 894 Professional CVS

1 license for a maximum of 4 Professional VA/CVS instruments on a single PC.



6.6065.213 viva 2.1 Multi CD: 3 licenses

Client/server-compatible computer program for control and data management of Professional VA/CVS instruments. The software permits checks, data acquisition, evaluation, and monitoring, as well as report generation.

Graphic user interface for routine operations, extensive database programs with reevaluation, graphic method editor with numerous templates, system configuration, very flexible user administration, extensive data export functions, individually configurable report generator.

Includes the measuring modes "Differential Pulse" (DP), "Square Wave" (SQW), "Cyclic Voltammetric Stripping" (CVS), "Cyclic Pulse Voltammetric Stripping" (CPVS), and Chronopotentiometry (CP). The following calibration techniques are supported: standard addition, external calibration, DT (Dilution Titration), LAT (Linear Approximation Technique), MLAT (Modified Linear Approximation Technique), RC (Response Curve).

Dialog languages: German, English, Chinese.

The following instruments are supported:
884 Professional VA, 894 Professional CVS

Client/server version with 3 licenses for 3 PCs with a maximum of 4 Professional VA/CVS instruments per PC.

