



Robotic Transfer Analyzer

2.855.3020

The complete package for the determination of acids and/or bases for very high sample numbers contains all the components for a fully automatic acid-base titration in the smallest possible space in a minimum of time. Instruments, accessories, software, and application know-how – simply everything is included.

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 2.855.3020

Qt.	Order no.	Description
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1 PCS

1.802.0010

802 Rod Stirrer for 727 Ti Stand

Rod stirrer with separate 6.2137.000 Speed controller and 6.1909.010 Propeller stirrer.



1 PCS

1.804.0010

804 Ti Stand without stand rod

Titration stand and controller for 802 Stirrer. The 804 Ti Stand together with the optional 802 Stirrer provides an alternative to the magnetic stirrer. Without stand.



1 PCS

1.855.0020

855 Robotic Titrosampler "Basic" (1T/2P)

Basic model for setting up customer-specific automation in the titration. Space-saving Robotic Sample Processor XL with integrated Titrando, one workstation including Swing Head and two built-in membrane pumps. The programming of the methods is accomplished by means of the handy Touch Control or with the tiamo™ titration software.



1 PCS

6.0253.100

Aquatrode Plus

Combined pH electrode for pH titrations in ion-deficient aqueous media (e.g., drinking water, process water). This electrode shows a very short response time in these samples. The fixed ground-joint diaphragm is insensitive to contamination.

When $c(\text{KCl}) = 3 \text{ mol/L}$ is used as bridge electrolyte, storage in storage solution is recommended.

The bridge electrolyte can be easily replaced with a chloride-free electrolyte (e.g., potassium nitrate $c(\text{KNO}_3) = 1 \text{ mol/L}$ (6.2310.010)).

Storage in the used bridge electrolyte.





Sample beaker, clear glass, 250 mL, suitable for sample racks:
6.2041.310, 6.2041.400, 6.2041.430, 6.2041.510, 6.2041.820,
6.2068.020 and 6.2068.030, 1 piece



Transfer robotic arm for liquid handling purposes



1 PCS

6.1543.120

Aspiration tip / M8 thread

Aspiration tip if 6.1805.200 siphoning tubing is used



1 PCS

6.1546.030

Piston tongs

For pistons for 807 Dosing Units or cylinder units OMNIS.



1 PCS

6.1562.120

Pipetting tubing / 10 mL with holder for sample processors

Pipetting tubing for liquid transfer.



2 PCS

6.1608.023

Amber glass bottle / 1000 mL / GL 45

For Exchange Units. Bottle for auxiliary solutions.



2 PCS

6.1621.000

Container 10 L

As rinsing or waste container in automated systems.



3 PCS

6.1805.060

FEP tubing / M6 / 60 cm

With light and kink protection



1 PCS

6.1805.120

FEP tubing / M6 / 100 cm

With light and kink protection



1 PCS

6.1805.510

PTFE tubing / M8 / 60 cm

With protection against kinks.



1 PCS

6.1812.000

PTFE tubing 4 mm / 6 mm / 4 m



1 PCS

6.1815.010

Spiral band 0.5 m

For holding together different cables or tubing.



1 PCS

6.1823.010

Guide shaft to pipetting tubing

For assembly in the transfer robotic arm on the Robotic Sample Processors



2 PCS

6.1828.000

PVDF connection nipple

For 6.1621.000 canister.



1 PCS

6.1909.020

Stirring propeller / 95 mm

Propeller stirrer, length from lower edge of SGJ: 104 mm. For use with beakers with 722, 802 Rod Stirrer



1 PCS

6.2001.070

Support stand for Sample Processors

Support stand for Sample Processors, for external titrations and dilutions (IC)



1 PCS

6.2001.110

Bottle holder base, left, to 855

Bottle holder base for assembly on the left next to the tower of the 855 Robotic Titrosampler.



2 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



1 PCS

6.2041.410

Sample rack, 141 x 11 mL and 1 x 300 mL (PVC)

Sample rack for 858 Professional Sample Processor, 815 Robotic USB Sample Processor XL, 855 Robotic Titrosampler "Basic" for 141 sample vessels and 1 sample beaker. The following sample vessels and rinsing bottles can be used: 6.2743.050, 6.1608.080, 6.1627.000, 6.2743.040.

Plastic: Polyvinyl chloride (PVC)



1 PCS

6.2053.000

Cable clip

Cable clip for fastening cables and tubes

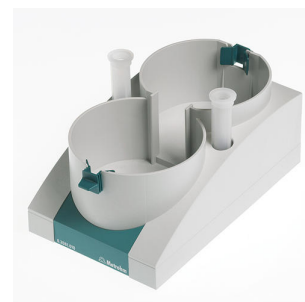


1 PCS

6.2061.010

Bottle holder for Dosinos

Bottle holder for up to two Dosinos, mounted on 1 L reagent bottles.



1 PCS

6.2104.020

Electrode cable / 1 m / F

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



1 PCS

6.2151.000

Cable USB A – mini-DIN 8-pin

Controller cable



1 PCS

6.2308.050

Electrolyte 3 mol/L KCl (50 mL)

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



1 PCS

6.2323.000

Storage solution

Storage solution for all combined pH glass electrodes with reference electrolyte $c(\text{KCl}) = 3 \text{ mol/L}$



1 PCS

6.2621.030

Hexagon key 4 mm



1 PCS

6.2621.070

5 mm hex key for IC Sample Processors



1 PCS

6.2621.130

Hexagon key 2 mm

2 mm.



1 PCS

6.2621.140

Hexagon key 2.5 mm



2 PCS

6.2709.090

Stopper

PTFE. Used with 6.5613.000 ECO titration equipment



1 PCS

6.2711.070

Drip pan for 789/815/855

Drip pan for 789, 815, 855 Robotic Sample Processors XL



5 PCS

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.



2 PCS

6.2730.060

Screw nipple

PCTFE. With M16 thread. Used with 6.5613.000 ECO titration equipment



1 PCS

6.2730.080

Screw nipple

PCTFE. Used with 6.5613.000 ECO titration equipment with 722 Stirrer



3 PCS

6.2740.020

Spray nozzle

For the fine-spraying of the rinsing solution.



2 PCS

6.2743.057

Sample vessel 11 mL

200 pieces. For IC Sample Processors and VA Autosamplers.

The IC sample vessels are made of polypropylene (PP) plastic for health-care applications. Production and packaging both take place under sterile and clean room conditions (Clean Room Class 7, in accordance with DIN ISO 14644). This guarantees minimal degrees of contamination. The sample vessels are subjected to random checks for leachable anions and cations.



1 PCS

6.3032.210

807 Dosing Unit 10 mL

807 Dosing Unit with integrated data chip with 10 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

6.3032.220

807 Dosing Unit 20 mL

807 Dosing Unit with integrated data chip with 20 mL glass cylinder and light protection, mountable to a reagent bottle with ISO/DIN GL 45 glass thread. FEP tubing connection, antidiffusion tip.



Drive with write/read hardware for intelligent dosing units. With permanently attached cable (length 1.5 m).



Optional accessories

Order no.	Description	
2.849.0010	849 Level Control Additional equipment for Sample Processors for monitoring the filling level of rinsing or waste canisters via Remote. Prevents pumps from running dry and/or canisters from overflowing and is suitable for use with aqueous solutions, solvents and suspensions.	
6.2148.010	Remote Box MSB Additional remote interface for the connection of devices that can be controlled via remote lines. With permanently attached cable.	
6.2840.000	Water bath for Robotic Sample Processors and Robotic Titrosampler Water bath rack for Robotic Sample Processors and Titrosampler.	

6.06000.000

OMNIS Software storage device

License-based PC program for controlling complex OMNIS analysis systems.

- Sample-oriented operating procedures with numerous templates
- Graphical method editor with numerous templates
- Clearly organized and professional sample lists
- Management of instruments, work systems, sensors, solutions
- Dialog languages: German, English, Chinese



6.06003.010

OMNIS Stand-Alone license

Enables stand-alone operation of the OMNIS software on a Windows™ computer.

Features:

- The license already includes one OMNIS instrument license.
- Must be activated via the Metrohm licensing portal.

