



# OMNIS Titrator Oil

2.1001.3220

The OMNIS Titrator Oil offers you the complete package for all conventional analyses of petrochemical products. The package contains the OMNIS Advanced Titrator with magnetic and rod stirrer, a 20 mL cylinder unit, a d-Solvotrode for nonaqueous acid-base titration and one stand-alone OMNIS Software license.

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 2.1001.3220

Qt.	Order no.	Description
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Rod stirrer for connection to one OMNIS Titrator (cable length 1.1 m).



Digital, combined pH electrode for OMNIS for all non-aqueous acid/base titrations. The glass membrane is optimized for poorly conducting solutions and thanks to the flexible ground-joint diaphragm, the electrode is suitable for contaminated samples.

This electrode can be used with non-aqueous reference electrolytes (lithium chloride or tetraethylammonium bromide).

Storage in corresponding reference electrolyte.

dTrodes can be used on OMNIS Titrators.



Adapter for connecting reagent bottles with 3S technology to an OMNIS Titrator, Titration Module or Dosing Module.



Reusable bottle cap with 3S technology for connecting reagent bottles to an OMNIS Titrator, Titration Module or Dosing Module.



1 PCS

6.01900.010

Stirring propeller 30 mm ETFE

Stirring propeller 30 mm ETFE with adjustable height for use with Rod Stirrer "Titrator" or Rod Stirrer "Sample Robot"



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1 PCS

6.02004.010

Bottle holder

Bottle holder for OMNIS Titrator, Titration Module and Dosing Module.



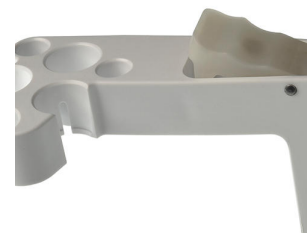
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1 PCS

6.02005.000

OMNIS electrode holder

Electrode holder for one OMNIS titration system.



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1 PCS

6.02005.010

Electrode Parking Station

Electrode Parking Station for electrode storage on an OMNIS titration system.



Digital measurement channel for one OMNIS Titrator or Titration Module for the connection of digital "dTrodes" electrodes.



Cable for connecting a dTrobe (plug-in head Q) to the digital measuring module from OMNIS.



Network cable (1 m) for connecting one OMNIS Sample Robot or OMNIS Titrator to an Ethernet Router, Ethernet Switch or local network



Intelligent 20 mL cylinder unit for one OMNIS Titrator, Titration Module or Dosing Module. This cylinder unit is especially recommended for the following solutions:

- Aqueous alkaline solutions
- Titrant 5
- Silver nitrate solutions
- Nonaqueous alkaline solutions
- Permanganate solutions
- EDTA solutions

Includes dosing tubing and antidiffusion tip.



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



Function license "Advanced" for one OMNIS Titrator

- Liquid Handling (LQH)
- MEAS U/T/pH
- MEAS CONC (direct measurement and standard addition)
- Calibration (Cal)
- Endpoint titration without conditioning (SET)
- Monotonic equivalence point titration (MET)
- Dynamic equivalence point titration (DET)
- Titration with OMNIS Titration Module or OMNIS Dosing Module
- Parallel dosing



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.
- Not transferable to another computer.



1 PCS

6.1546.030

Piston tongs

For pistons for 807 Dosing Units or cylinder units OMNIS.



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1 PCS

6.1608.020

Glass bottle / 1000 mL / GL 45

Bottle for auxiliary solutions.



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1 PCS

6.1903.020

Stirring bar / 16 mm

Stirring Bar with magnetic core, PTFE coated, length 16 mm



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1 PCS

6.1903.030

Stirring bar / 25 mm

Stirring bar with magnetic core, PTFE covering, length 25 mm.



1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



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1 PCS

6.2016.050

Support rod / 300 mm



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1 PCS

6.2320.000

TEABr 0.4 mol/L in ethylene glycol (250 mL)

Electrolyte solution TEABr (tetraethylammonium bromide in ethylene glycol),  $c(\text{TEABr}) = 0.4 \text{ mol/L}$



# Optional accessories

Order no.	Description
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6.05609.000      KFT equipment for OMNIS Titrator

Complete accessory set for volumetric Karl Fischer titration.



6.05609.010      KFT equipment for OMNIS Titrator with Polytron

Complete accessory set for volumetric Karl Fischer titration with Polytron.



6.06001.160      Function license KFT with conditioning

Function license for volumetric Karl Fischer titration with conditioning for an OMNIS titration system.

