



# Robotic Titrosampler «Light»1T/1P

2.855.0030

Robotic Titrosampler Robotic Sample Processor XL Titrando **Touch Control tiamo™** OMNIS

Robotic Titrosampler «Light» «Basic»

## Scope of delivery 2.855.0030

Qt.	Order no.	Description
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1 PCS

**1.855.0030**

### **Robotic Titrosampler "Light" (1T/1P)**

Entry-level model of the Robotic Titrosampler for medium sample throughput. The space-saving Robotic Sample Processor XL with integrated Titrando, one workstation and one built-in membrane pump is expanded to become application-specific automation in titration through the selection of sample rack and electrode. Either an external peristaltic pump or membrane pump can be connected for aspiration of the titrated solution (optional). The programming of the methods is accomplished by means of the handy **Touch Control** or with the **tiamo™** titration software.



With increasing sample throughputs, the Robotic Titrosampler "Light" can be expanded simply and inexpensively to become the "Basic" model with which many times the original sample quantity can be managed.

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2 PCS

**6.1236.020**

### **Sleeve with SGJ 14/12 mm**

Sleeve with SGJ 14/12 mm and O-ring.



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1 PCS

**6.1621.000**

### **Container 10 L**

As rinsing or waste container in automated systems.



3 PCS

**6.1805.420**

**FEP tubing / M6 / 48 cm**

With light and kink protection



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1 PCS

**6.1812.000**

**PTFE tubing 4 mm / 6 mm / 4 m**



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1 PCS

**6.1828.000**

**PVDF connection nipple**

For 6.1621.000 canister.



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1 PCS

**6.2053.000**

**Cable clip**

Cable clip for fastening cables and tubes



1 PCS

**6.2151.000**

**Cable USB A – mini-DIN 8-pin**

Controller cable



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1 PCS

**6.2621.030**

**Hexagon key 4 mm**



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1 PCS

**6.2621.070**

**5 mm hex key for IC Sample Processors**



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1 PCS

**6.2621.130**

**Hexagon key 2 mm**

2 mm.



1 PCS

6.2621.140

Hexagon key 2.5 mm



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3 PCS

6.2740.020

Spray nozzle

For the fine-spraying of the rinsing solution.



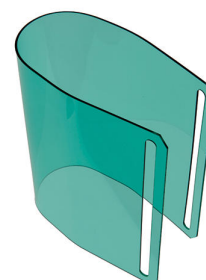
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1 PCS

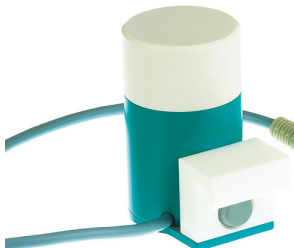



6.2751.190

Safety shield for 855 Robotic Titrosampler  
"Light"

Safety shield for 855 Robotic Titrosampler "Light"



## Optional accessories

Order no.	Description	
2.741.0010	<b>741 Magnetic Stirrer</b>  Magnetic stirrer for sample changers.  The magnetic stirrer is located beneath the sample rack.	
2.772.0120	<b>772 Pump Unit – aspirate</b>  Peristaltic pump for direct connection to Sample Processors. The "Aspiration" version contains extensive accessories for the aspiration of titrated-out solutions.	
2.802.0020	<b>802 Stirrer for sample changer</b>  Rod stirrer for sample changer and Sample Processor.  With 104 mm 6.1909.020 stirring propeller and permanently installed cable.	
2.823.0020	<b>823 Membrane Pump Unit «aspirate»</b>  Membrane pump for direct connection to Sample Processors. The «Aspiration» version contains numerous accessories for aspirating off solutions.	

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.



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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



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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.
- Not transferable to another computer.



**6.1458.010**

**Titration head, 6 x SGJ 14 and 3 x SGJ 9 openings.**

With 6xSGJ 14 and 3x SGJ 9 openings.



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**6.1458.020**

**Titration head /4 x M10 connectors**

With 4 M10 screw nipples, including stoppers.



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**6.1458.030**

**KF titration head /4 x M10 connectors**

With 4 M10 screw nipples, including stoppers.



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**6.1458.040**

**Titration Head, 3 x SGJ 14**

Titration head for 120 mL beakers. With 3 openings SGJ 14 and 4 openings 6.4 mm, 2 dosing tips included. Suitable for rinsing and aspiration equipment.



Titration head for 75 mL beakers. With 2 openings SGJ 14, 2 openings 6.4 mm, and 3 pre-mounted dosing tips. Suitable for rinsing and aspiration equipment.



Propeller stirrer, length from lower edge of SGJ: 96 mm. For use with beakers with 722, 802 Rod Stirrer



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



Propeller stirrer with PP shaft, PVDF tip. Length from the SGJ: 104 mm. For KF applications with 722, 802 Rod Stirrer



**6.1909.040**

**Stirring propeller / 93 mm**

Propeller stirrer, length from lower edge of SGJ: 102 mm. For titration vessels with SGJ 14/15 and 722, 802 Rod Stirrer



**6.1909.050**

**Stirring propeller / 102 mm**

Propeller for 802 Stirrer when this is used with sample racks for 120 mL beakers (6.1459.300)



**6.2041.310**

**Sample rack, 12 x 250 mL, (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 12 sample beakers. The following sample beakers can be used: 6.1432.320, 6.1432.323, 6.1453.220, 6.1453.250.

Plastic: Polyvinyl chloride (PVC)



**6.2041.320**

**Sample rack, 16 x 150 mL, (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 16 sample beakers. The following sample beakers can be used: 150 mL beaker (tall).

Plastic: Polyvinyl chloride (PVC)



**6.2041.340**

**Sample rack, 24 x 75 mL, (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 24 sample beakers. The following sample beakers can be used: 6.1432.210, 6.1459.400.

Plastic: Polyvinyl chloride (PVC)



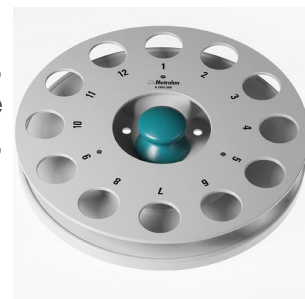
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**6.2041.360**

**Sample rack, 12 x 150 mL (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 12 sample beakers. The following sample beakers can be used: 150 mL beaker (tall), 6.1459.310.

Plastic: Polyvinyl chloride (PVC)



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**6.2041.370**

**Sample rack, 14 x 200 mL, (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 14 sample beakers. The following sample beakers can be used: 6.1459.310.

Plastic: Polyvinyl chloride (PVC)



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**6.2041.380**

**Sample rack, 14 x 235 mL (PVC)**

Sample rack for 810 Sample Changer, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 14 sample beakers. The following sample beakers can be used: 235 mL (8 oz).

Plastic: Polyvinyl chloride (PVC)



6.2041.390

**Sample rack, 16 x 100 mL, (PVC)**

Sample rack for 810 Sample Changer, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 16 sample beakers. The following sample beakers can be used: 100 mL beakers, short.

Plastic: Polyvinyl chloride (PVC)



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6.2041.460

**Sample rack, 21 x 100 mL, (PVC)**

Sample rack for 810 Sample Processor, 814 USB Sample Processor, 855 Robotic Titrosampler "Light" suitable for 21 sample vessels. The following sample vessels can be used: 100 mL digestion tubes (CSB).

Plastic: Polyvinyl chloride (PVC)



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6.2041.470

**Sample rack, 22 x 120 mL, (PP)**

Sample rack for 810 Sample Changer, 814 USB Sample Processor, 855 Robotic Titrosampler "Light", suitable for 22 sample beakers. The following sample beakers can be used: 6.1459.300, 6.1459.307.

Plastic: Polypropylene (PP)



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6.2058.110

**Tower extension for Sample Processors**

Height extension 130 mm for Sample Processors. Tower extension for COD applications.



**6.2103.130**

**Adapter red 2 mm plug / 4 mm socket**

For connecting plug B (4 mm) to 2 mm socket.



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**6.2103.140**

**Adapter black 2 mm plug / B socket 4 mm**

For connecting plug B (4 mm) to 2 mm socket.



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**6.2711.060**

**Drip pan for 778/810/814/838/858 Sample Processors**

Drip pan for 778, 810, 814, 838, 858 Sample Processors



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**6.2711.070**

**Drip pan for 789/815/855**

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

