



815 Robotic Titration Soliprep

2.815.1110

The 815 Robotic Titration is a system for the completely automatic preparation of solid samples that need to be reduced and placed in solution prior to titration.

The system consists of:

- 1 x 815 Robotic USB Sample Processor XL
- 1 x 136 Polytron with power supply unit
- 2 x 772 Pump Unit
- 2 x 786 Swing Head
- 1 x 802 Rod stirrer

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 2.815.1110

Qt.	Order no.	Description
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1 PCS

1.815.0110

815 Robotic USB Sample Processor XL (2T/2P)

Robotic USB Sample Processor XL with two workstations and two built-in membrane pumps for the automatic processing of routine samples in series with large quantities and for complex sample preparation or parallel runs. In addition to the built-in pumps, up to two additional pumps (membrane or peristaltic) and three dosing devices for Liquid Handling tasks can be connected.



Because of the multitude of application variants, rack, stirrer, titration head, robotic arm, Swing Head and sample vessels must be tailored to the application and ordered separately.

1 PCS

1.136.0100

Polytron PT 1300 D

Polytron PT 1300 D - Metrohm version

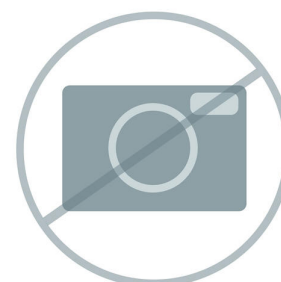
Homogenizer that can be controlled directly by tiamo™ or Touch Control.



1 PCS

1.136.0110

Power supply unit for Polytron PT 1300 D



2 PCS

1.772.0110

772 Pump Unit

Peristaltic pump for direct connection to Sample Processors.



2 PCS

1.786.0010

786 Swing Head with transfer head left

Additional equipment for Robotic Sample Processors XL for transferring / pipetting from small sample vessels into larger titration vessels on the rack or into an external titration cell; this can be located to the left of the work station.



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.



2 PCS

6.1236.020

Sleeve with SGJ 14/12 mm

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



2 PCS

6.1446.000

SGJ stopper / B-14/(15)



3 PCS

6.1446.010

Stopper

Used with Sample Changers



1 PCS

6.1446.040

Threaded stopper / M6



1 PCS

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.



1 PCS

6.1459.300

Sample beaker, plastic (PP), 120 mL, 250 pieces

Sample beaker, plastic (polypropylene, PP), 120 mL, suitable for sample racks: 6.2041.470, 6.2041.840, 6.2041.850, 6.2068.010, 6.2068.020, 6.2068.030, and 6.9920.141, 250 pieces



1 PCS

6.1462.070

Robotic arm with holder for titration head, right swinging

Titration head holder to 786 Swing Head



1 PCS

6.1462.250

Swing arm for Polytron and 786 Swing Head, left swinging

Swing arm for Polytron and 786 Swing Head, left swinging, with one buret tip for the addition of solvent or titrant and three spray nozzles for cleaning. The swing arm allows the usage of the Polytron for sample preparation on multi row racks.



1 PCS

6.1543.120

Aspiration tip / M8 thread

Aspiration tip if 6.1805.200 siphoning tubing is used



2 PCS

6.1621.000

Container 10 L

As rinsing or waste container in automated systems.



4 PCS

6.1801.120

PVC tubing / 4 mm / 6 mm / 2 m



6 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

6.1805.220

PTFE tubing connection M8, 150 cm



1 PCS

6.1808.260

Distributor for pump tubings for Sample Processors

The distributor has one inlet and four M6 openings for the connection of pump tubings.



4 PCS

6.1812.000

PTFE tubing 4 mm / 6 mm / 4 m



1 PCS

6.1820.020

M10/M6 adapter

Connector with M10 thread for 6.1812.XXX tubing and M6 thread for 6.1805.XXX tubing.



1 PCS

6.1820.030

M10/M8 adapter

Connector with M10 thread for 6.1812.XXX tubing and M8 thread for 6.1805.2XX and 6.1805.510 tubing.



4 PCS

6.1820.050

M6 / Olive adapter

For 6.1826.100 pump tubing, to peristaltic pumps.



2 PCS

6.1826.100

Pump tubing 6.4 mm / 1 m

Replaces the pump tubing used with the 772 Pump Unit and the 843 Pump Station (peristaltic).



3 PCS

6.1828.000

PVDF connection nipple

For 6.1621.000 canister.



1 PCS

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)



1 PCS

6.2041.840

Sample rack, 59 x 120 mL, (PVC)

Sample rack for 815 Robotic USB Sample Processor XL, 855 Robotic Titrosampler "Basic", suitable for 59 sample beakers. The following sample beakers can be used: 6.1459.300, 6.1459.307.

Plastic: Polyvinyl chloride (PVC)



1 PCS

6.2042.030

Buret tip clip (rod stirrer)

Clip for proper alignment of buret tips, dosing or aspiration tubings using a rod stirrer in the titration beaker of a sample changer



2 PCS

6.2053.000

Cable clip

Cable clip for fastening cables and tubes



1 PCS

6.2134.110

Cable RS-232 DB9 socket f – DB9 plug

Connecting Metrohm RS-232 interface (DB9) to a Custom DP40 printer. For Titrinos or 756/831 KF Coulometer. RS-232 extension cable (1:1)



1 PCS

6.2151.000

Cable USB A – mini-DIN 8-pin

Controller cable



1 PCS

6.2621.030

Hexagon key 4 mm



1 PCS

6.2621.070

5 mm hex key for IC Sample Processors



1 PCS

6.2621.120

Hexagon key 1.5 mm



1 PCS

6.2709.070

Guiding sleeve

For fixation of buret and dosing tips in titration heads and electrode holders



1 PCS

6.2711.070

Drip pan for 789/815/855

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



3 PCS

6.2740.020

Spray nozzle

For the fine-spraying of the rinsing solution.

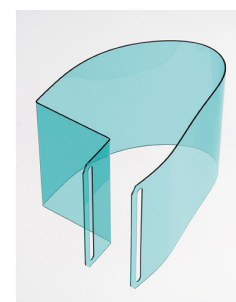


1 PCS

6.2751.100

Safety shield

Safety shield for Sample Processors with 786 Swing Head



1 PCS

6.2841.000

External Polytron rinsing station for Robotic Sample Processors

The external rinsing station can be fitted on the side next to the Robotic Sample Processor tower, making it possible for external cleaning of the Polytron to be carried out during additional actions on the sample rack.



1 PCS

6.06003.012

OMNIS stand-alone license with 2 instrument licenses

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

Features:

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



1 PCS

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



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.	
6.9012.000	Dispersing aggregate for Polytron, 125 mm Standard dispersing aggregate for Polytron 1300 D	
6.9012.010	Dispersing aggregate for Polytron, 157 mm Special dispersing aggregate (Metrohm version) with protruding knives	

6.2041.780

Sample rack 65 x 11 mL + 25 x 50 mL

Multi-row sample rack for 65 samples in 11 mL sample vessels (6.2743.050) and 25 samples in 50 mL sample vessels (6.02743.030)

