815 Robotic Filtration Soliprep

2.815.3110

The 815 Robotic Filtration Soliprep is a complete system for the completely automatic preparation of samples which need to be homogenized and filtered prior to their determination.

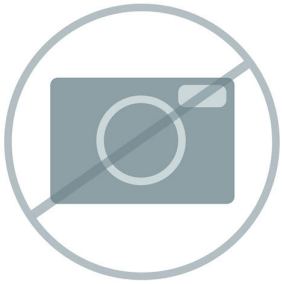
The system consists of:
1 x 815 Robotic USB Sample Processor XL
1 x 136 Polytron with power supply unit
1 x 772 Pump Unit
1 x 786 Swing Head
1 x reinforced 786 Swing Head
1 x 800 Dosino

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 2.815.3110

Order Number	Description	Quantity
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** 1 PCS



1.772.0110 **772 Pump Unit** 1 PCS

Peristaltic pump for direct connection to Sample Processors.

1.786.0010 **786 Swing Head with transfer head left** 1 PCS

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.

1.800.0030 **800 Dosino (cable length 1.5 m)** 1 PCS

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

6.1432.320

Sample beaker, clear glass, 250 mL, 1 piece 2 PCS

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

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6.1459.300

Sample beaker, plastic (PP), 120 mL, 250 pieces 1 PCS

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

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6.1462.240

Transfer head for 786 Swing Head, bent and right swinging 1 PCS

Transfer head, bent and right swinging, for 786 Swing Head. In combination with the 6.1808.220 Adapter the transfer head can be used on multi-row racks to pick up tools with luer connection.

6.1462.250

Swing arm for Polytron and 786 Swing Head, left swinging 1 PCS

Swing arm for Polytron and 786 Swing Head, left swinging, with one buret tip for the additiona 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.

6.1546.030

Piston tongs 1 PCS

For pistons for 807 Dosing Units or cylinder units OMNIS.

6.1562.130

Transfer Tubing with holder 2 x M6 / 10 mL to Sample Processors 1 PCS

Transfer tubing for dilution and preconcentration using a Dosino and Sample Processor.

6.1608.023

Amber glass bottle / 1000 mL / GL 45 1 PCS

For Exchange Units. Bottle for auxiliary solutions.

6.1621.000

Container 10 L 3 PCS

As rinsing or waste container in automated systems.

6.1625.010

Collection container for Soliprep 1 PCS

Container for safe collection of used tools in automated systems

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6.1801.120

PVC tubing / 4 mm / 6 mm / 2 m 2 PCS

6.1805.060

FEP tubing / M6 / 60 cm 3 PCS

With light and kink protection

6.1805.120

FEP tubing / M6 / 100 cm 1 PCS

With light and kink protection

6.1808.220

Luer adapter for transfer head 1 PCS

Adapter with outside thread M6 and luer connection for 6.1462.240 Transfer head for using luer tools on multi-row racks

6.1808.260

Distributor for pump tubings for Sample Processors 1 PCS

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

6.1812.000

PTFE tubing 4 mm / 6 mm / 4 m

2 PCS

6.1820.020

M10/M6 adapter

1 PCS

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

6.1820.050

M6 / Olive adapter

2 PCS

For 6.1826.100 pump tubing, to peristaltic pumps.

6.1826.100

Pump tubing 6.4 mm / 1 m

1 PCS

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

6.1828.000

PVDF connection nipple 3 PCS

For 6.1621.000 canister.

6.2037.070

Lid with hole for 250 mL sample beaker 1 PCS

The lid with hole is used in the Soliprep system to pre-rinse applied syringe filters into the special beaker.

6.2053.000

Cable clip 2 PCS

Cable clip for fastening cables and tubes

6.2057.150

Holder for collection container 1 PCS

Holder for mounting collection container

6.2058.040

Swing arm enhancement for Swing Head 786 1 PCS

The swing arm enhancement is for stabilizing the swing arm connected to the 786 Swing Head and working with various tools

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6.2058.050

Fastening plate for deflector and holder for collection container 1 PCS

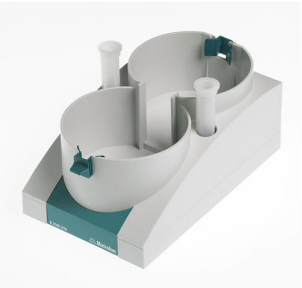
The fastening plate is mounted at the side of the Sample Processor tower and allows the mounting of a deflector for the automatic pulling off the used tools.

6.2058.060

Deflector for adapter 61808220 1 PCS

The deflector is mounted with the fastening plate (6.2058.050) at the side of the Sample Processor tower and allows the automatic pulling off the used luer tools into the collection container (6.1625.010)

6.2061.010



Bottle holder for Dosinos 1 PCS

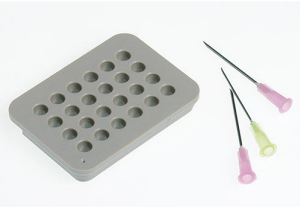
Bottle holder for up to two Dosinos, mounted on 1 L reagent bottles.

6.2067.000

Insert for 30x11mL for Soliprep sample rack 1 PCS

Sample rack insert for 30x11mL (6.2743.050)

6.2067.010



Insert for 24xSyringe needles for Soliprep sample rack 1 PCS

Sample rack insert for 24xsyringe needles (luer connection)

6.2067.020

Insert for 12x30 mm syringe filters for Soliprep Sample rack 2 PCS

Sample rack insert for 12x30 mm syringe filters (luer connection)

6.2068.020

Sample rack, 24 x 120 mL, (PVC) 1 PCS

Sample rack for 815 Robotic Soliprep, suitable for 24 sample beakers. The following sample beakers can be used: 6.1459.300, 6.1459.307.
Plastic: Polyvinyl chloride (PVC)

6.2134.110

Cable RS-232 DB9 socket f – DB9 plug 1 PCS

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

6.2151.000

Cable USB A – mini-DIN 8-pin 1 PCS

Controller cable

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

6.2621.140 **Hexagon key 2.5 mm** 1 PCS

6.2711.070 **Drip pan for 789/815/855** 1 PCS

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

6.2740.020

Spray nozzle 3 PCS

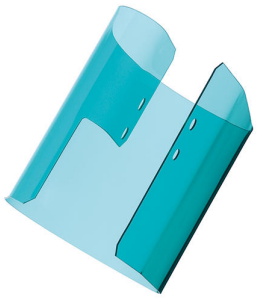
For the fine-spraying of the rinsing solution.

6.2743.057

Sample vessel 11 mL 1 PCS

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.

6.2751.150



Safety shield for Robotic Soliprep 1 PCS

Safety shield for the Robotic Soliprep systems Filtration and Flexible, which pick up and then discard various tools at Tower 1, e.g. syringe needles. Reaching into the movement radius of the robotic arm is prevented and at the same time protection is offered against inadvertently escaping solutions.

6.2841.000

External Polytron rinsing station for Robotic Sample Processors 1 PCS

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.

6.3032.210

807 Dosing Unit 10 mL 1 PCS

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.

6.06003.012

OMNIS
A WHOLE NEW LEVEL OF PERFORMANCE

OMNIS stand-alone license with 2 instrument licenses 1 PCS

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.

6.06000.000

OMNIS Software storage device 1 PCS

OMNIS
A WHOLE NEW LEVEL OF PERFORMANCE

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

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

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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)