





Accessories for 2.815.3110

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

Qty.	Order no.	Description	
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 Peristaltic pump for direct connection to Sample Processors.	
1 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 1.800.0030 800 Dosino (cable length 1.5 m)

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



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.



2 pcs 6.1432.320 Sample beaker, clear glass, 250 mL, 1 piece

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



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 6.1462.240 Transfer head for 786 Swing Head, bent and right swinging

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.



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- 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.



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- 1 pcs** **6.1546.030** **Extractor rod**
For PTFE piston of dosing unit



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- 1 pcs** **6.1562.130** **Transfer Tubing with holder 2 x M6 / 10 mL to Sample Processors**
Transfer tubing for dilution and preconcentration using a Dosino and Sample Processor.



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- 1 pcs** **6.1608.023** **Amber glass bottle / 1000 mL / GL 45**
For Exchange Units. Bottle for auxiliary solutions.



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- 3 pcs** **6.1621.000** **Container 10 L**
As rinsing or waste container in automated systems.



1 pcs **6.1625.010** **Collection container for Soliprep**
Container for safe collection of used tools in automated systems



2 pcs **6.1801.120** **PVC tubing / 4 mm / 6 mm / 2 m**



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 **6.1808.220** **Luer adapter for transfer head**
Adapter with outside thread M6 and luer connection for 6.1462.240 Transfer head for using luer tools on multi-row racks



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.



2 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.



2 pcs **6.1820.050** **M6 / Olive adapter**
 For 6.1826.100 pump tubing, to peristaltic pumps.



1 pcs **6.1826.100** **PP 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 **6.2037.070** **Lid with hole for 250 mL sample beaker**
The lid with hole is used in the Soliprep system to pre-rinse applied syringe filters into the special beaker.



2 pcs **6.2053.000** **Cable clip**
Cable clip for fastening cables and tubes



1 pcs **6.2057.150** **Holder for collection container**
Holder for mounting collection container






1 pcs **6.2058.040** **Swing arm enhancement for Swing Head 786**
The swing arm enhancement is for stabilizing the swing arm connected to the 786 Swing Head and working with various tools



1 pcs **6.2058.050** **Fastening plate for deflector and holder for collection container**
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.



1 pcs	6.2058.060	Deflector for adapter 61808220	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)	
1 pcs	6.2061.010	Bottle holder for Dosinos	Bottle holder for up to two Dosinos, mounted on 1 L reagent bottles.	
1 pcs	6.2067.000	Insert for 30x11mL for Soliprep sample rack	Sample rack insert for 30x11mL (6.2743.050)	
1 pcs	6.2067.010	Insert for 24xSyringe needles for Soliprep sample rack	Sample rack insert for 24xsyringe needles (luer connection)	
2 pcs	6.2067.020	Insert for 12x30 mm syringe filters for Soliprep Sample rack	Sample rack insert for 12x30 mm syringe filters (luer connection)	
1 pcs	6.2068.020	Sample rack 24x120 mL for Soliprep	Sample rack for Soliprep with 24 x 120 mL PP beakers (6.1459.300), 2 x 250 mL (6.1432.320) glass beakers and inserts for 30 x 11 mL (6.2743.050), 24 x syringe needles (luer connection) as well as two inserts for 12 x 30 mm syringe filters (luer connection)	
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 Titrimos 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 **6.2621.140** **Hexagon key 2.5 mm**



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 **6.2743.057** **Sample tubes 11 mL**
200 pieces. For IC Sample Processors and VA Autosampler



1 pcs **6.2751.150** **Safety shield for Robotic Soliprep**

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.



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 **6.3032.210** **Dosing Unit 10 mL**

Dosing unit with integrated data chip with 10 mL glass cylinder and light protection, mountable on reagent bottle with ISO/DIN GL45 thread. FEP tubing connection, anti-diffusion buret tip.



1 pcs 6.6056.252 Tiamo 2.5 Full CD: 1 license



Computer program for controlling complex titration systems.

- Graphical method editor with numerous templates
 - Layout manager for individual monitor interface
 - Professional database with reevaluation
 - Export to LIMS, NuGenesis, Cyberlab, etc.
 - High-performance report generator
 - In compliance with the directives according to FDA 21 CFR Part 11
 - Parallel titration
 - Dialog languages: German, English, French, Italian, Spanish, Portuguese, Polish, Russian, Slovakian, Czech, Japanese, Chinese and Traditional Chinese
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Optional accessories

Order no.	Description	
2.849.0010	849 Level Control	<p>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.</p> 
6.2148.010	Remote Box MSB	<p>Additional remote interface for the connection of devices that can be controlled via remote lines. With permanently attached cable.</p> 
6.9012.000	Dispersing aggregate for Polytron, 125 mm	<p>Standard dispersing aggregate for Polytron 1300 D</p> 
6.9012.010	Dispersing aggregate for Polytron, 157 mm	<p>Special dispersing aggregate (Metrohm version) with protruding knives</p> 