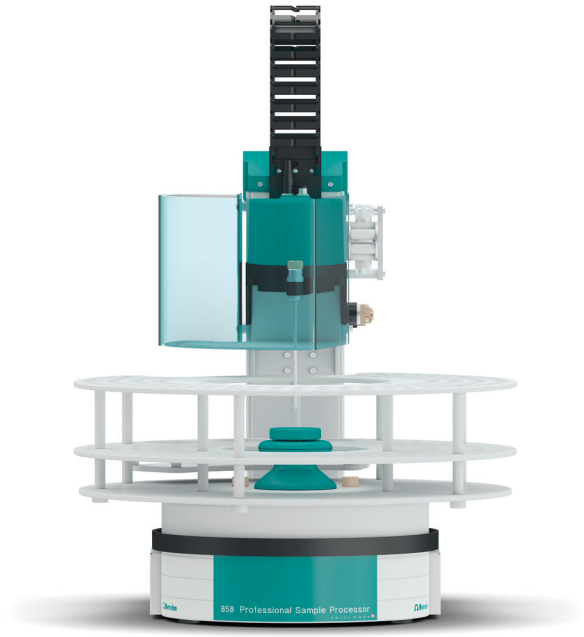


858 Professional Sample Processor – Pump – Injector

2.858.0030

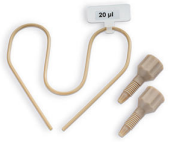
The 858 Professional Sample Processor – Pump – Injector processes samples from 500 µL to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or by means of an 800 Dosino. In addition, a six-way injection valve is available for the sample preparation.

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 2.858.0030

Order Number	Description	Quantity
1.858.0030	**858 Professional Sample Processor – Pump – Injector** The 858 Professional Sample Processor – Pump – Injector processes samples from 500 µL to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or by means of an 800 Dosino. In addition, a six-way injection valve is available for the sample preparation.	1 PCS
6.1608.080	**Bottle / 300 mL** Rinsing vessel for IC Sample Processors.	3 PCS
6.1803.030	**PTFE capillary 0.5 mm i.d. / 3 m** Capillary for inline dialysis, for Dialysis Unit, IC Dialysis Sample Processor, IC Liquid Handling Dialysis Unit	1 PCS

6.1825.210



PEEK sample loop 20 µL 1 PCS

For injection valve, with 2 PEEK pressure screws

6.1826.360

Pump tubing LFL (white/white), 3 stoppers 2 PCS

For Sample Processors

6.1831.010

PEEK capillary 0.25 mm i.d. / 3 m 1 PCS

For all IC components.

6.1831.060

PEEK capillary 0.5 mm i.d., 1 m 1 PCS

For inline dialysis and for Sample Changers. For IC Dialysis Unit, IC Sample Processor, Compact IC Autosampler, IC Filtration Sample Processor, IC Dialysis Sample Processor, IC Liquid Handling Dialysis Unit

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6.1831.160 **PEEK capillary, 0.5 mm ID / 70 cm** 1 PCS

6.2064.000 **Beaker retainer for Advanced IC Sample Processor** 1 PCS

Retaining plate for 838 Advanced Sample Processors. For holding 2.5 or 11 mL vials.

6.2151.000 **Cable USB A – mini-DIN 8-pin** 1 PCS

Controller cable

6.2621.300 **Tool set for Advanced IC Sample Processors** 1 PCS

Tool set consisting of open-end wrenches and hexagon keys.

6.2739.000

Wrench

1 PCS

For tightening connectors

6.2744.010

Pressure screw 5x

1 PCS

With UNF 10/32 connection. For the connection of PEEK capillaries

6.2744.034

Coupling olive/UNF 10/32, 2x

1 PCS

Connection between pressure screw and pump tubing. 2 pieces. For IC instruments with peristaltic pump.

6.2744.070

Pressure screw short

1 PCS

Short version. With UNF 10/32 connection. 5 pieces. For the connection of PEEK capillaries

6.2744.110

Pump tubing - inline filter PEEK adapter 1 PCS

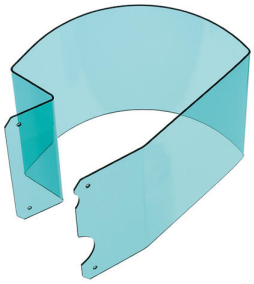
Connector between pump tubing and inline filter

6.2744.160

Nozzle/UNF 10/32 coupling with security device 2 PCS

Security device for connecting pump tubing to a nozzle.

6.2751.110



Safety shield 1 PCS

Safety shield for the Advanced IC/VA Sample Processors.

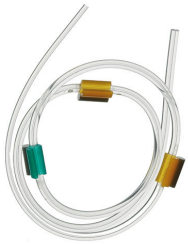
6.2846.010

Sample needle made of zirconium oxide with PEEK tip 1 PCS

Sample needle for Sample Processors and Autosampler in ion chromatography. The PEEK tip guarantees secure piercing of the vial covering.

Optional accessories

6.1826.310
Pump tubing LFL (orange /green), 3-stopper



Pump tubing for suppressor solutions and for acceptor solutions for inline dialysis and for inline ultrafiltration.

6.1826.320
Pump tubing LFL (orange /yellow) , 3-stopper

For suppressor solutions and for acceptor solutions for inline dialysis and for inline ultrafiltration.

6.1826.330
Pump tubing LFL (orange /white), 3 stoppers

For all IC instruments with peristaltic pump.

6.1826.340

Pump tubing LFL (black /black), 3 stoppers

For the sample solution in inline dialysis.

6.1826.380

Pump tubing LFL (gray/gray), 3 stoppers

For Inline Dilution

6.1826.390

Pump tubing LFL (yellow /yellow), 3 stoppers

For the sample solution in Inline Ultrafiltration.

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)

6.2041.350
Sample rack, 48 x 75 mL (PVC)

Sample rack for 815 Robotic USB Sample Processor XL, 855 Robotic Titrosampler "Basic", suitable for 48 sample beakers. The following sample beakers can be used: 6.1432.210, 6.1459.400.
Plastic: Polyvinyl chloride (PVC)

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)

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)

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)

6.2041.410
Sample rack, 141 x 11 mL and 1 x 300 mL (PVC)

Sample rack for 858 Professional Sample Processor, 815 Robotic USB Sample Processor XL, 855 Robotic Titrosampler "Basic" for 141 sample vessels and 1 sample beaker. The following sample vessels and rinsing bottles can be used: 6.2743.050, 6.1608.080, 6.1627.000, 6.2743.040.
Plastic: Polyvinyl chloride (PVC)

6.2041.430
Sample rack, 127 x 11 mL and 2 x 300 mL (PVC)

Sample rack for 815 Robotic USB Sample Processor XL, 855 Robotic Titrosampler "Basic", suitable for 127 sample vessels and 2 rinsing bottles. The following sample vessels and rinsing bottles can be used: 6.2743.050, 6.1608.080, 6.1627.000, 6.2743.040.
Plastic: Polyvinyl chloride (PVC)

6.2041.440

Sample rack, 148 x 11 mL and 3 x 300 mL (PVC)

Sample rack for 858 Professional Sample Processor, 815 Robotic USB Sample Processor XL, suitable for 148 sample vessels and 3 rinsing bottles. The following sample vessels and rinsing bottles can be used: 6.2743.050, 6.1608.080, 6.1627.000, 6.2743.040.
Plastic: Polyvinyl chloride (PVC)

6.2041.450

Sample rack, 56 x 11 mL and 56 x 50 mL (PVC)

Sample rack for 858 Professional Sample Processor, 815 Robotic USB Sample Processor XL, suitable for 112 sample vessels. The following sample vessels can be used: 6.2743.050, 6.2747.010, 6.2743.040, 50 mL Sarstedt vials.
Plastic: Polyvinyl chloride (PVC)

6.2041.760

Sample rack 54 x 11 mL + 1 x 300 mL

Sample rack with small diameter for 54 x 11 mL sample vessels in two rows and additionally 1 x 300 mL bottle.

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.

6.2629.000
Screw nut to needle holder IC

On Sample Processors

6.2714.010
Dialysis membrane (cellulose acetate)

Nominal pore size : 0.2 µm. Set of 50 pieces. For inline dialysis

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6.2714.020
Filtration membrane reg. cellulose, 0.2 µm, 50 pieces

Nominal pore size: 0.2 µm. Set of 50 pieces. For inline filtration.

6.2714.030
Dialysis membrane (polyamide)

For inline dialysis and filtration

6.2743.040
Vial PP, 2.5 mL, 2000 pieces

2.5 mL. 2000 pieces. For IC Sample Processors.
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.

6.2743.047
Vial PP, 2.5 mL, 200 pieces

2.5 mL. 200 pieces. For IC Sample Processors.
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.

6.2743.057
Sample vessel 11 mL

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.

6.2743.070
Stopper with perforation

2000 pieces. For IC Sample Processors

6.2743.077
Stopper with perforation

200 pieces. For IC Sample Processors

6.5330.100
IC equipment: Inline Dialysis

Accessory set for Inline Dialysis. For use with the 858 Professional Sample Processor and an additional 2-channel peristaltic pump.

6.5330.120
IC equipment: Inline dilution

Accessory set for Inline Dilution. For use with the 858 Professional Sample Processor, 800 Dosino and 741 Magnetic Stirrer.

6.5330.130
IC equipment: Liquid Handling Station, left

Accessory set for assembling the Liquid Handling Station on the Professional Sample Processor. The rinsing water supply can be accomplished by means of a peristaltic pump or a Dosino.

6.5330.140
IC equipment: MiPCT

Accessory set for Inline Preconcentration (MiPCT) including Liquid Handling Station, left.

6.5330.160
IC equipment: MiPCT-ME

Accessory set for assembling a Dosino for Metrohm intelligent Preconcentration Technique with Matrix Elimination (MiPCT-ME).

6.5330.170
IC equipment: MiPuT

Accessory set for assembling a Dosino for sample pick-up (Metrohm intelligent Pick-up Injection Technique).

6.5330.180
IC equipment: MiPT

Accessory set for assembling a Dosino for Partial-Loop-Injection.

6.2624.200
Sample needle made of steel, coated

Alternative to the sample needle made of zirconium oxide. Particularly suitable for septum vessels. Metal-free thanks to special coating. Requires the 1/16 in. needle holder (6.2833.010) for installation on the Sample Processor.

6.2846.010
Sample needle made of zirconium oxide with PEEK tip

Sample needle for Sample Processors and Autosampler in ion chromatography. The PEEK tip guarantees secure piercing of the vial covering.

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)

6.2041.770
Sample rack 211 x 11 mL

Multi-row sample rack for 211 samples in 11 mL sample vessels (6.2743.050)

6.9920.255
Sample rack 25 x 60 mL + 10 x 125 mL

Multi-row sample rack for 25 samples in 60 mL Corning® cell culture flasks and 10 samples in 125 mL PE bottles (6.1627.000). Dedicated sample rack for trace analysis, e.g. in power plants.