



858 Professional Sample Processor for VA and CVS

2.858.0110

The 858 Professional Sample Processor for VA and CVS, in conjunction with Professional VA/ CVS instruments and viva, enables the fully automatic processing of large sample series of organic additives in electroplating baths, e.g. "brighteners" and "suppressors" using "Cyclic Voltammetric Stripping" (CVS). The system is controlled directly by the viva software and permits automatic changes of method between different types of determinations. The sample rack supplied holds 56 samples of a maximum of 11 mL and 28 samples of a maximum of 50 mL for brightener determination.

The 858 Professional Sample Processor for VA and CVS is supplied with built-in robotic arm, together with accessories, sample rack and connection cable for setting up a complete workplace, although it does not come with rinsing equipment.

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 2.858.0110

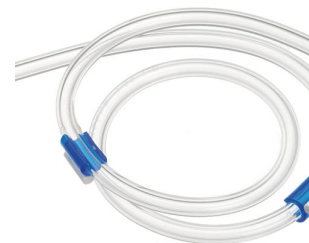
Qt.	Order no.	Description
1 PCS	1.858.0020	858 Professional Sample Processor – Pump
		The 858 Professional Sample Processor – Pump processes samples from 500 µL to 500 mL. The sample transfer takes place either with the installed bidirectional two-channel peristaltic pump or with an 800 Dosino.
		
1 PCS	6.1803.020	PTFE capillary 0.97 mm i.d. / 5 m
		For all IC instruments
		
1 PCS	6.1803.160	PTFE capillary, 0.75 mm ID / 3 m
		PTFE capillary for use with the 920 Absorber Module.
		
1 PCS	6.1815.010	Spiral band 0.5 m
		For holding together different cables or tubing.
		

2 PCS

6.1826.020

PVC pump tubing (blue/blue)

For online IC instruments and automation in voltammetry.



1 PCS

6.1831.020

PEEK capillary 0.75 mm i.d., 22 cm

For all IC components.



1 PCS

6.1835.050

PEEK sample tube

For sample changers for transferring larger-sized sample volumes, e.g. for brightener determination.



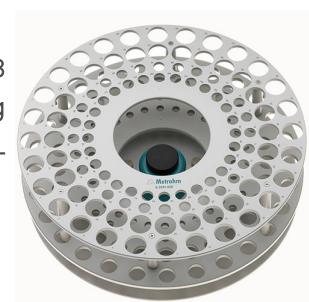
1 PCS

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)



1 PCS

6.2151.000

Cable USB A – mini-DIN 8-pin

Controller cable



1 PCS

6.2621.080

Capillary cutter

Cutting tool for simple cutting of plastic capillaries, 1/16" and 1/8", including 5 replacement blades.



1 PCS

6.2621.090

1/2 in. wrench

For 1/2 in. screws. For IC Sample Processors



1 PCS

6.2621.100

3 mm hex key for IC Sample Processors



1 PCS 6.2621.130 Hexagon key 2 mm
2 mm.



1 PCS 6.2739.000 Wrench
For tightening connectors



1 PCS 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.



2 PCS 6.2744.010 Pressure screw 5x
With UNF 10/32 connection. For the connection of PEEK capillaries



2 PCS

6.2744.060

Threaded stopper

For UNF 10/32. Stopper for IC, e.g. for the sealing of columns.



1 PCS

6.2744.080

M6 thread / UNF 10/32 adapter

With M6 outer thread. For IC instruments.

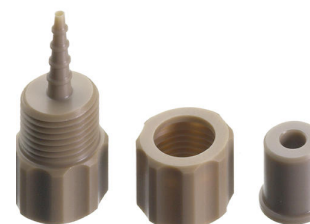


2 PCS

6.2744.160

Nozzle/UNF 10/32 coupling with security device

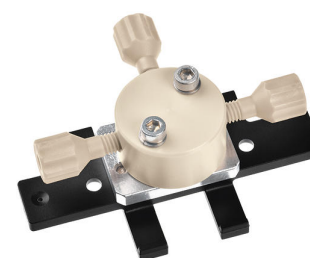
Security device for connecting pump tubing to a nozzle.



1 PCS

6.2744.290

T connector 3 × UNF 10/32 with holder



4 PCS

6.2747.010

Sample vessel 50 mL

With blue screw cap and mL graduation. Set of 25 pieces.

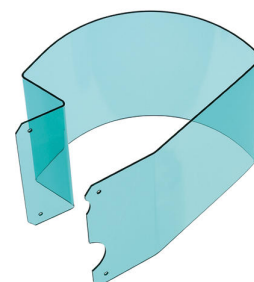


1 PCS

6.2751.110

Safety shield

Safety shield for the Advanced IC/VA Sample Processors.



1 PCS

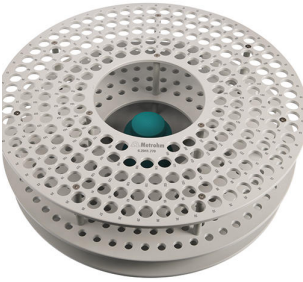
6.2846.000

Sample needle made of zirconium oxide

Sample needle for Sample Processors and Autosamplers in voltammetry.



Optional accessories

Order no.	Description	
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)	
6.5339.620	Equipment: 807 Dosing Unit for pipetting system for Professional VA/CVS instruments Accessory kit for fully automated CVS pipetting system in combination with the 858 Professional Sample Processor. Contains one 807 Dosing Unit 5 mL and 50 mL each, clear glass bottles 2 L, pipetting tubing, rinsing station, safety shield and other accessories. Without Dosinos.	