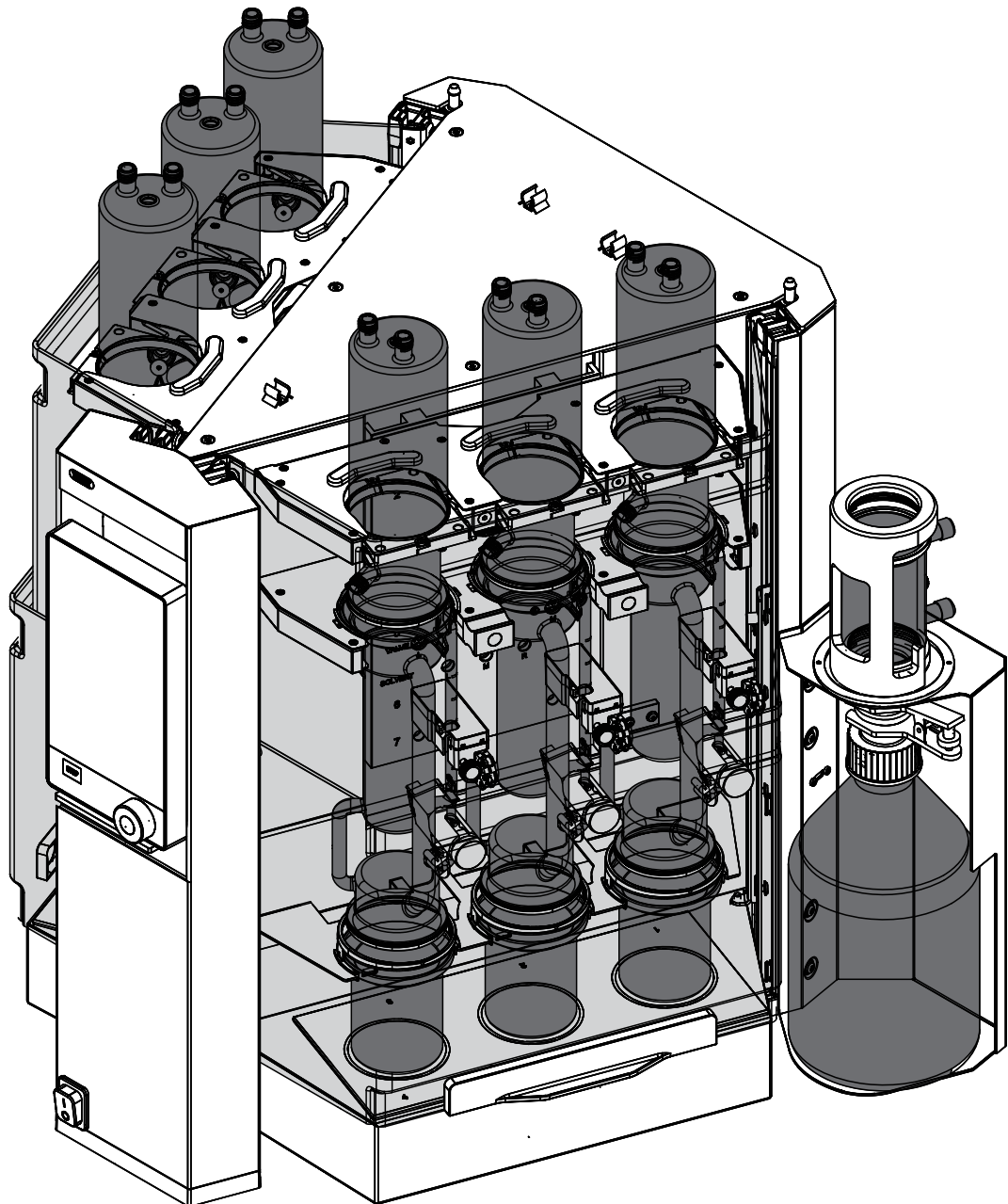




UniversalExtractor E-800

Technical data sheet

The UniversalExtractor E-800 meets the highest expectations in applicational flexibility and safety standards for all extraction types. Thanks to its high performance heating system and the inert materials, there are no limitation regarding solvents. Using the glass assembly with the universal chamber, up to five different extraction methods can be run within the same set-up. As an alternative, the ECE glass assembly is an economic solution. The LSV configuration is designed for large sample volumes, allowing the lowest analyte detection levels.



Order code UniversalExtractor E-800

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The chamber heater allows for heating the solvent in the universal extraction chamber to increase the extraction efficiency. Needed for the extraction methods Soxhlet warm, Hot extraction and Twisselmann. It cannot be combined with the ECE extraction chamber.

Choose the configuration according to your needs:

1 1 E 8 0 0 **0 0 0**

Glass assembly

- U Universal chamber
- L Universal chamber LSV
- I Universal + inert gas
- P Universal LSV + inert gas
- M Mixed 3 Universal + 3 LSV
- E Cont. Extraction ECE

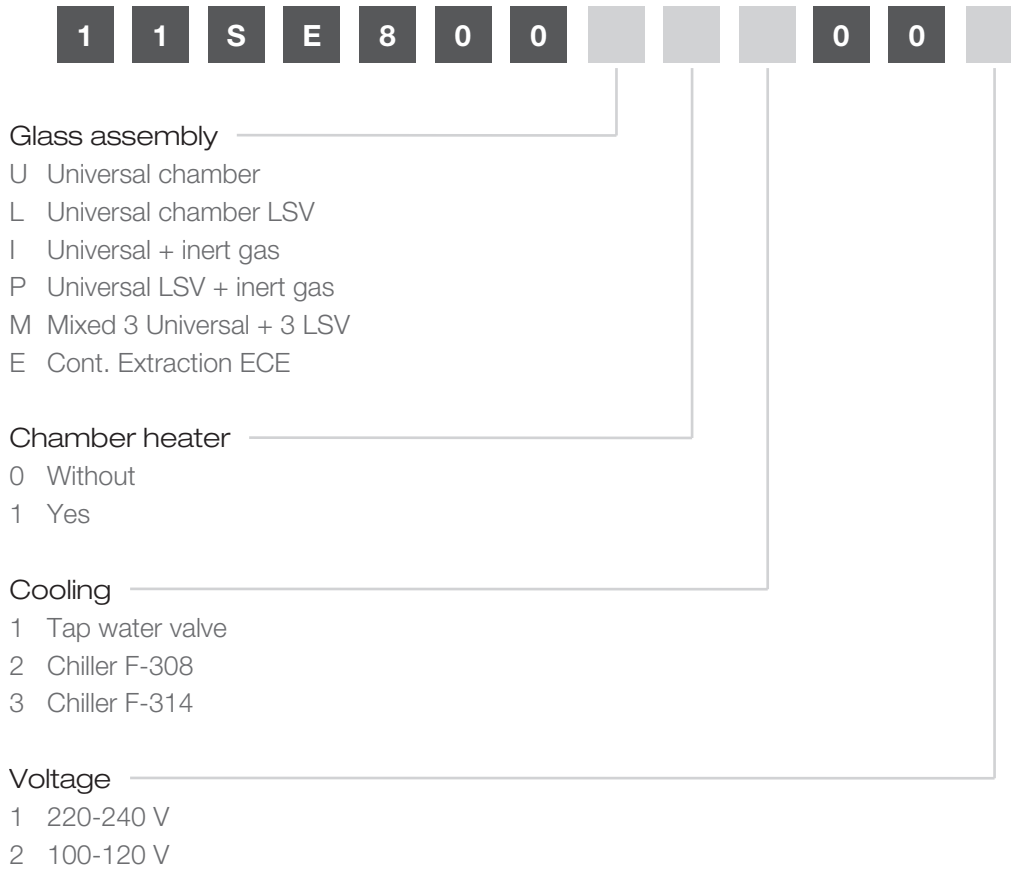
Chamber heater

- 0 Without
- 1 Yes

Order code UniversalExtractor E-800 System

The UniversalExtractor E-800 can be bundled with Recirculating Chiller F-308/F-314 for environmental friendly and water saving cooling. The UniversalExtractor E-800 has to be operated either with a recirculating chiller or a tap water valve.

Choose the configuration according to your needs:



Scope of delivery

All configurations are supplied ready to use.

	Economic Continuous Ex- traction	Universal	Universal LSV
UniversalExtractor E-800	1	1	1
Power cord	1	1	1
Operation manual	1	1	1
Extraction glass chamber Universal	-	6	-
Extraction glass chamber Universal LSV	-	-	6
Extraction chamber ECE	6	-	-
Extraction beaker	6	6	-
Extraction beaker LSV	-	-	6
Condenser E-800	6	6	6
Sealing PTFE	12	12	12
Holder for paper thimbles, PTFE	12	12	12
Holders for glas sample tubes with frit	6	6	6
Solvent tank	1	1	1
Solvent bottle and con- denser			
Cooling water hose 3 m	1	1	1
Soxhlet assembly cpl.	-	6	6
Beaker pliers	1	1	1
Pliers for glass sample tube with frit	1	1	1

Technical data

UniversalExtractor E-800

Power consumption	1780 W
Connection voltage	200 - 240 ± 10 % VAC
Fuse	10 A
Frequency	50 / 60 Hz
Overvoltage category	II
Pollution degree	2
Dimensions (W x D x H) (without glassware)	638 x 595 x 613 mm
Dimensions (W x D x H) (with glassware)	638 x 595 x 752 mm
Weight (without glassware)	44.8 kg
Weight (with glassware)	52.6 kg
Total heating power (rated)	1680 W
Total Heating power (maximum)	1680 W
Hose connection	6 / 9 mm
Allowed water pressure (nominal value)	6 bar
Allowed water pressure (maximum)	8 bar
Number of extraction positions	6
Solvent tank volume	2 L
Allowed inert gas pressure (maximum)	3 bar

Ambient conditions

For indoor use only.

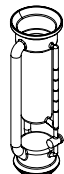
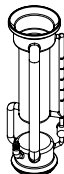
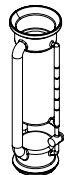
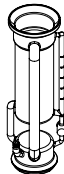
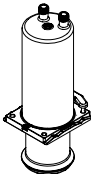
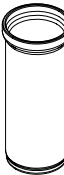
Max. altitude above sea level	2000 m
Ambient temperature	5 - 40°C (25°C)
Maximum relative humidity	80% for temperatures up to 31°C
Storage temperature	max. 45 °C

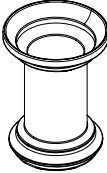
Conversion kits

The UniversalExtractor E-800 can be converted into another configuration with an easy change of glass assembly.

	Order no.
Conversion kit from Soxhlet Extraction to Economic Continuous Extraction incl.: tubing set ECE, extraction glass chamber ECE (6)	11068488
Conversion kit from Economic Continuous Extraction to Universal incl.: tubing set Universal, extraction glass chamber Universal (6)	11068494
Conversion kit from Economic Continuous Extraction to Universal LSV incl.: tubing set Universal LSV, extraction glass chamber Universal LSV (6)	11068495

Spare parts

	Order no.	Image
Extraction glass chamber universal	11062501	
Extraction chamber universal inert	11064849	
Extraction chamber universal LSV	11062502	
Extraction chamber universal LSV inert	11064850	
Condenser E-800 cpl.	11067064	
Glass sample tubes with frit, long, 6 pcs.	11067815	

	Order no.	Image
Glass sample tubes with frit LSV, long, 6 pcs.	11067816	
Extraction glass chamber ECE	11062498	

Accessories

	Order no.	Image
Extraction beaker carrier Allows to carry 6 beakers (11067474)	11067042	
Holder for glass sample tubes, stainless steel	11067219	
Holder for extraction thimbles (diameter 25 - 43 mm)	11068443	
Turning disk	11067294	

Consumables



	Order no.
Quartz sand 0.3 - 0.9 mm, 2.5 kg	037689
Celite® 545, 1 kg	11068920

Holder for extraction thimbles

	Order no.
Holders for thimbles d25, PTFE, 3 pcs.	11067488
Holders for thimbles d33, PTFE, 3 pcs.	11067490

	Order no.
Holders for thimbles d43, PTFE, 3 pcs.	11067491
Holders for thimbles d25, stainless steel, 6 pcs.	11068484
Holders for thimbles d33, stainless steel, 6 pcs.	11068485
Holders for thimbles d43, stainless steel, 6 pcs.	11068486

Extraction thimbles

	Order no.	Image
Extraction thimbles 25 x 100 mm, 25 pcs.	018105	
Extraction thimbles 33 x 94 mm, 25 pcs.	11058983	
Extraction thimbles, Set. 25 pcs, 43 x 118 mm, cellulose For Soxhlet extraction unit.	018106	