

Installation Instructions

CA72TOC

Couplings and fittings



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1 Intended use

- The parts of the kits are to be used exclusively as spare parts for the CA72TOC analyzers . Any other use is not permitted!
- Use only original parts from Endress+Hauser.
- In the Device Viewer, check if the spare part is suitable for the device in question.

2 Personnel authorized to carry out conversion

- Installation, commissioning, operation and maintenance of the measuring system may be carried out only by specially trained technical personnel.
- The technical personnel must be authorized by the plant operator to perform the stated tasks.
- The electrical connection may only be established by an electrical technician.
- The technical personnel must have read and understood these Installation Instructions and must follow the instructions they contain.
- Measuring point faults may be repaired only by authorized and specially trained personnel.
- In the case of Ex-certified devices, the technical staff must also be trained in explosion protection.



Repairs not described in the Operating Instructions provided must only be carried out directly at the manufacturer's site or by the service organization.

3 Safety instructions

WARNING

Risk of death from electrical shock!

- ▶ Perform work on the device with the utmost caution, especially when the device remains fully or partially powered on during maintenance tasks.
- ▶ Follow the instructions in the relevant chapters of this manual, as the procedure for electrical safety depends on the service kits used.
- ▶ All work must be carried out according to applicable safety standards.
- ▶ Follow the instructions in the Operating Instructions for the device.

WARNING

Risk of burns!

- ▶ Contact with hot components in the vicinity of the combustion furnace may cause injuries. Where necessary, wear heat-resistant gloves.

⚠ CAUTION**Risk to health due to contact with reagents, chemicals or process solutions!**

- ▶ Wear protective gloves, protective goggles and protective clothing.
- ▶ Immediately rinse splashes with plenty of water and a 1% sodium bicarbonate solution (NaHCO_3 , baking soda).
- ▶ In case of eye contact, rinse the affected area with plenty of water and then seek medical advice. Show the relevant safety data sheet to the physician.
- ▶ Note the nationally applicable workplace safety regulations for the work area when handling toxic or corrosive chemicals.

⚠ CAUTION**Risk of infection when working with wastewater!**

- ▶ Wear protective gloves, protective goggles and protective clothing.
- ▶ Observe applicable workplace safety regulations.
- ▶ In case of eye contact, rinse the affected area with plenty of water and then seek medical advice. Show the relevant safety data sheet to the physician.

**Potential impact on the process**

Before decommissioning an active device, the potential impact on the overall process must be taken into account! This applies in particular when using the switching contacts, the analog signal outputs or the communication interface of the associated measuring instrument to control process variables. Coordinate service tasks with the operator!

The following must never be used for cleaning:

- Concentrated mineral acids or alkaline solutions
- Benzyl alcohol
- Methylene chloride
- High-pressure steam

4 Scope of delivery

4.1 71101617 Kit CA72TOC couplings + fittings

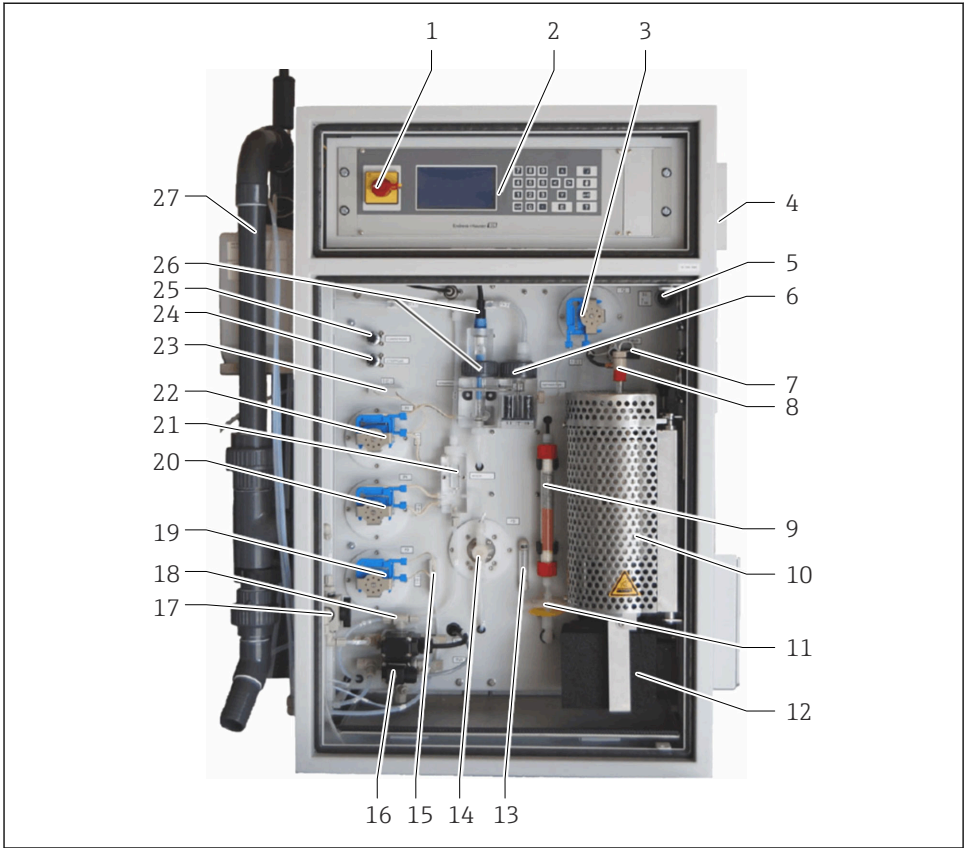
The kit contains the following parts :

5 x	Sealing ring G $\frac{1}{4}$ " PVC	5 x	Sealing ring G $\frac{1}{8}$ " PVC
1 x	Angled swivel connector, machined	1 x	Coupling nut 1 $\frac{1}{2}$ " PVC, machined
1 x	Coupling D 6/8 $\times$ G $\frac{1}{4}$ " PVDF	1 x	Coupling D 4/6 $\times$ G3/8", machined
1 x	Coupling D 4/6 $\times$ G3/8" PVDF	1 x	Bulkhead coupling on one end, female thread
2 x	Bulkhead coupling D 4/6 PP	2 x	Coupling D 4/6 $\times$ G $\frac{1}{8}$ " PP
1 x	T-coupling D 6/8 $\times$ 6/8 $\times$ 4/6 PVDF	1 x	Coupling D 4/6 $\times$ G $\frac{1}{2}$ " PVDF
2 x	Angled swivel connector D 4/6 $\times$ G $\frac{1}{4}$ PP	1 x	Coupling D 4/6 $\times$ G $\frac{1}{4}$ " PP
2 x	Angled coupling D 4/6 $\times$ G $\frac{1}{4}$ " PP	1 x	Angled coupling D 4/6 $\times$ G $\frac{1}{8}$ " PP
1 x	Plug G $\frac{1}{8}$ " PP	2 x	Coupling with short thread $\frac{1}{8}$ " $\times$ 28UNF ETFE
10 x	Cone for coupling $\frac{1}{8}$ " $\times$ 28UNF ETFE	2 x	Coupling with nozzle $\frac{1}{4}$ " $\times$ 28 D 1.55 ETFE
2 x	Coupling with nozzle $\frac{1}{4}$ " $\times$ 28 D 3.20 ETFE	1 x	Coupling D 4/6 $\times$ G $\frac{1}{4}$ " $\times$ 4/6 PP
3 x	Long coupling $\frac{1}{8}$ " / $\frac{1}{4}$ " $\times$ 28UNF ETFE	1 x	Coupling D 3.2 $\times$ GL 14 PVDF
2 x	Coupling D 4/6 $\times$ GL 14 PP	1 x	Kit instructions

5 Overview, use and localization

5.1 CA72TOC overview

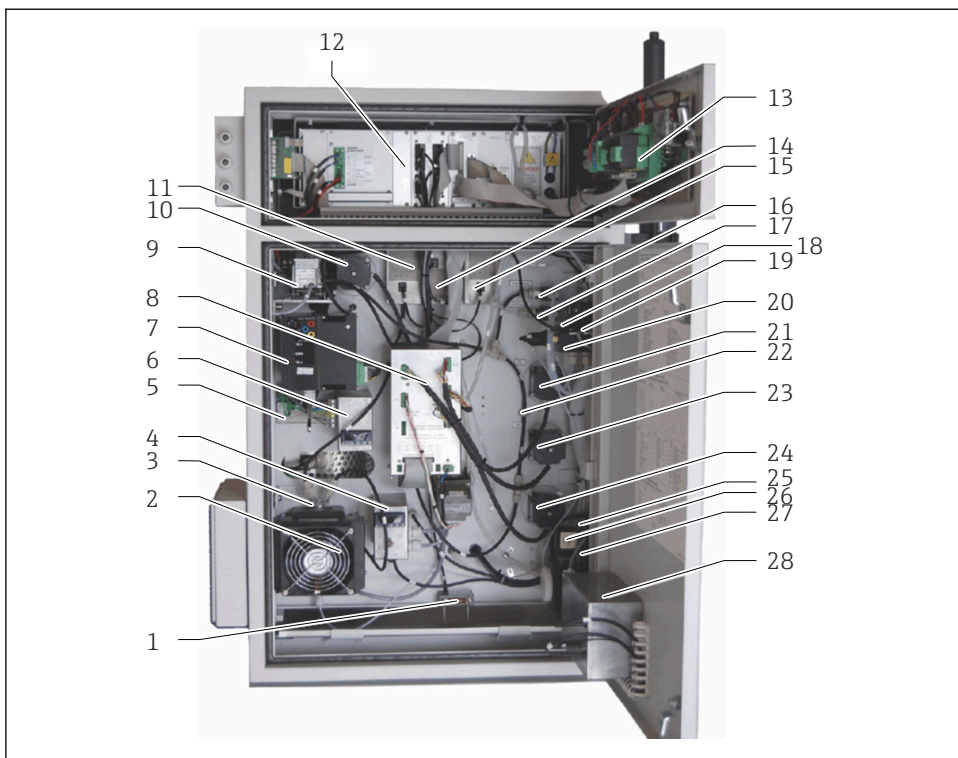
The following illustrations provide an overview of the CA72TOC.



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 1 Assembly overview of the CA72TOC, front view, with front doors open

- | | |
|-------------------------|--|
| 1 Main switch | 15 Acid pump adapter |
| 2 Computer | 16 Solenoid valve MV4 |
| 3 Pump P2 (sample) | 17 Sample channel switching |
| 4 Mains junction box | 18 Solenoid valve MV1 |
| 5 Compressor switch | 19 Pump P3 (acid) |
| 6 Separation chamber | 20 Pump P4 (optional) |
| 7 Dosing valve | 21 Mixing chamber (opt.) |
| 8 Injection unit | 22 Pump P1 (condensate) |
| 9 Acid filter | 23 Condensate adapter |
| 10 Tube furnace | 24 Stripping gas valve |
| 11 Combination filter | 25 Carrier gas valve |
| 12 Salt trap (optional) | 26 Stripping chamber with pH electrode |
| 13 Flowmeter | 27 Sample conditioning |
| 14 Dilution pump P5 | |



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 2 Assembly overview of the CA72TOC, rear view, with rear doors open

- | | |
|----------------------------------|---------------------------|
| 1 Leak detection contact | 15 pH amplifier |
| 2 Peltier cooler | 16 Carrier gas valve |
| 3 Radiator glass insert | 17 Stripping gas valve |
| 4 Heating regulator | 18 Valve MV7 |
| 5 Temp. amplifier | 19 Valve MV3 |
| 6 Controller for furnace heating | 20 Gas connection block |
| 7 Controller f. Peltier cooler | 21 Motor P1 (sample) |
| 8 Motor controller P1-6 | 22 Check valve |
| 9 Compressor | 23 Motor P4 (sample) |
| 10 Motor P2 (sample) | 24 Motor P3 (acid) |
| 11 Pressure-amplifier | 25 Valve MV2 |
| 12 Computer unit | 26 Valve MV5 |
| 13 Power distribution | 27 Water connection block |
| 14 Magnetic stirrer control | 28 IR detector |

5.2 Usage and localization

Designation	Use	Localization	Description
Sealing ring G $\frac{3}{4}$ " PVC	Gas generator Standby circuit PA-3 Standby circuit PA-2 Solenoid valve 3/2-way	→  5,  12 →  1,  6, item 27 →  1,  6, item 27 →  1,  6, item 16	Section 6.2, →  11
Sealing ring G $\frac{1}{2}$ " PVC	Gas generator Water connection, base assembly Gas connection, base assembly	→  5,  12 (→  2,  7, item 27) (→  2,  7, item 27)	Section 6.3, →  14
Angled swivel connector, machined	Solenoid valve, 3/2-way, all versions	(→  1,  6, item 16)	Section 6.4, →  15
Coupling nut 1 $\frac{1}{2}$ " PVC, machined	Separation chamber type II Stripping chamber type II	(→  1,  6, item 6) (→  1,  6, item 26)	Section 6.5, →  16
Coupling D 6/8 × G $\frac{3}{4}$ " PVDF	Gas generator Separation chamber type II	→  4,  12 (→  1,  6, item 6)	Section 6.6, →  16
Coupling D 4/6 × G3/8", machined	Stripping chamber type II	→  1,  6, item 26	Section 6.7, →  17
Coupling D 4/6 × G3/8" PVDF	Gas connection, base assembly	→  2,  7, item 20	Section 6.8, →  18
Bulkhead coupling on one end Female thread	Sample outlet	→  18,  18	Section 6.9, →  18
Bulkhead coupling D 4/6 PP	Standard furnace, connection without heating filter Gas discharge	→  1,  6, behind item 10 →  20,  19	Section 6.10, →  19
Coupling D 4/6 × G $\frac{1}{2}$ " PP	Sample pump adapter Water connection with dilution Gas type I connection Water connection, base assembly Mixing chamber Heating filter	→  1,  6, instead of item 21 →  2,  7, item 27 →  2,  7, item 20 →  2,  7, item 27 →  1,  6, item 21 →  1,  6, item 12	Section 6.11, →  20
T-coupling D 6/8 × 6/8 × 4/6 PVDF	Mounting plate TOC II with dilution	→  1,  6, above item 26	Section 6.12, → 23
Coupling D 4/6 × G $\frac{1}{2}$ " PVDF	Mixing chamber	→ 1, 6, item 21	Section 6.13, → 23
Angled swivel conn. D 4/6 × G $\frac{1}{4}$ " PP	Solenoid valve, 3/2-way, all versions Sample conditioning PA-3 / PA-2	→ 1, 6, item 16 → 1, 6, item 27	Section 6.14, → 24
Coupling D 4/6 × G $\frac{3}{4}$ " PP	Sample channel switching	→ 1, 6, item 17	Section 6.15, → 25
Angled coupling D 4/6 × G $\frac{1}{4}$ " PP	Stripping chamber type II Sample channel switching	→ 1, 6, item 26 → 1, 6, item 17	Section 6.16, → 26

Designation	Use	Localization	Description
Angled coupling D 4/6 × G 1/8" PP	Water connection, base assembly	→  2,  7, item 27	Section 6.17, →  29
Plug G 1/8" PP	Water connection without dilution	→  2,  7, item 27	Section 6.18, →  29
Coupling with short thread 1/8" × 28UNF ETFE	Adapter for condensate d. Acid supply Acid pump adapter Mixing chamber	→  40,  31 →  1,  6, item 15 →  1,  6, item 21	Section 6.19, →  30
Cone for coupling 1/8" × 28UNF ETFE	Adapter for condensate drain, acid s. Acid pump adapter Mixing chamber Condensate pump adapter Stripping chamber type II	→  41,  32 →  1,  6, item 15 →  1,  6, item 21 →  1,  6, item 23 →  1,  6, item 26	Section 6.20, →  31
Coupling with nozzle 1/4" × 28 D 1.55 ETFE	Acid pump adapter Condensate pump adapter	→  1,  6, item 15 →  1,  6, item 23	Section 6.21, →  34
Coupling with nozzle 1/4" × 28 D 3.20 ETFE	Sample pump adapter Stripping chamber type II Mixing chamber	→  1,  6, instead of item 21 →  1,  6, item 26 →  1,  6, item 21	Section 6.22, →  34
Coupling D 4/6 × G 1/4" × 4/6 PP	Solenoid valve, 3/2-way, all versions	→  1,  6, item 16	Section 6.23, →  36
Long coupling 1/8" / 1/4" × 28UNF ETFE	Adapter for condensate drain, acid s. Acid pump adapter Condensate pump adapter Stripping chamber type II	→  40,  31 →  1,  6, item 15 →  1,  6, item 23 →  1,  6, item 26	Section 6.24, →  37
Coupling D 3.2 × GL 14 PVDF	Cooler, glass insert below	→  2,  7, item 3	Section 6.25, →  38
Coupling D 4/6 × GL 14 PP	Cooler, gas insert above	→  2,  7, item 3	Section 6.26, →  38

6 Installation instructions for seals and couplings

6.1 Preparation

WARNING

Risk of death due to electric shock!

- ▶ **First switch off the main switch!** Then open the front and rear lower doors using the special key provided.

WARNING

Contact with hot components in the vicinity of the combustion furnace may cause injuries.

- ▶ Allow the furnace to cool down or wear heat-resistant gloves.

WARNING

Risk of injury from leaking media!

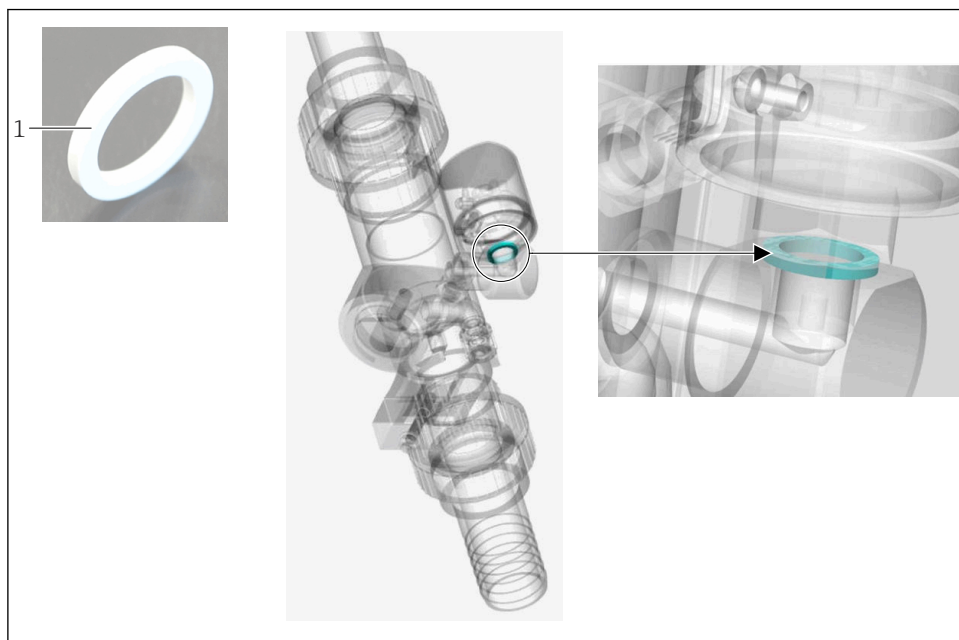
- ▶ Shut off the supply of all media (water, gas, acid, sample supply) and drain the hoses. Observe the warnings in Chapter 3.



The (▶) arrow indicates the assembly in which the spare part described is used.

6.2 Sealing ring G $\frac{1}{4}$ " PVC

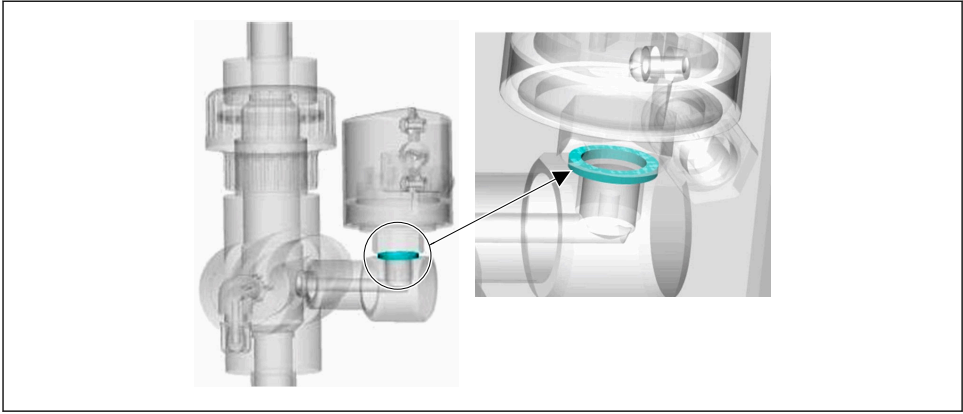
► Standby circuit for PA-2	→  3,  11
► Standby circuit for PA-3	→  4,  12
► Gas generator	→  5,  12
► Solenoid valve 3/2-way with backflushing	→  6,  12
► Solenoid valve 3/2-way	→  7,  13
► Solenoid valve, 3/2, aggressive medium	→  8,  13



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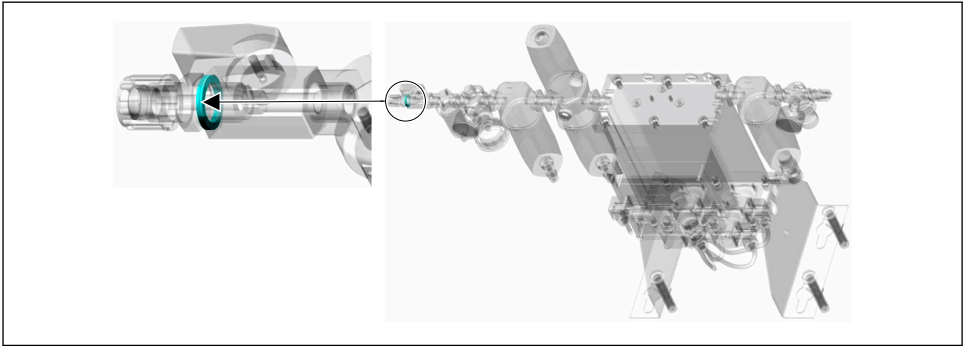
 3 Sealing ring G $\frac{1}{4}$ " PVC in standby circuit for PA-2

1 Sealing ring G $\frac{1}{4}$ " PVC



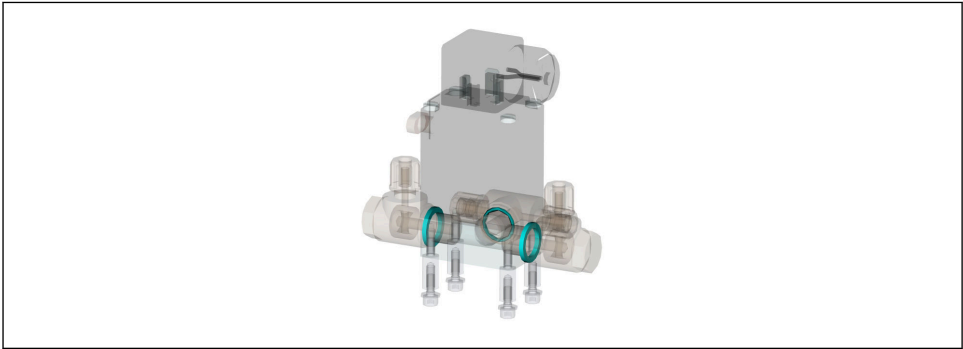
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4 *Sealing ring G 1/4" PVC in standby circuit for PA-3*



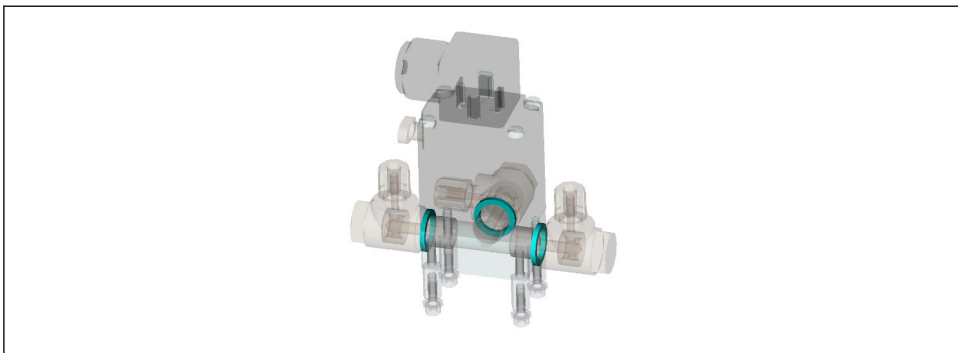
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5 *Sealing ring G 1/4" PVC in the gas generator*



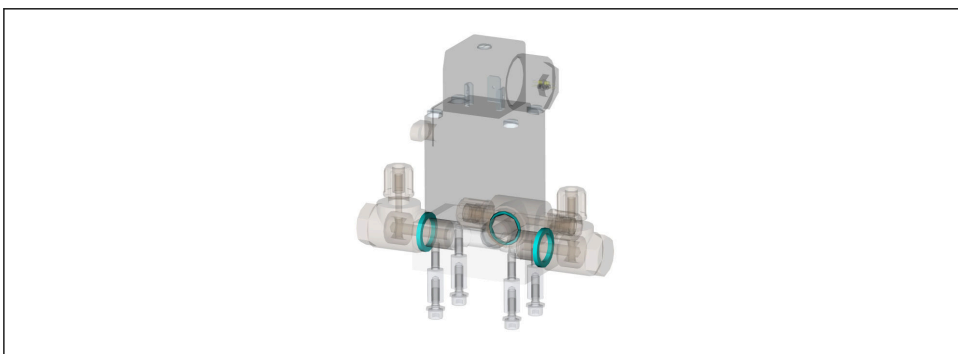
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6 *Sealing rings G 1/4" PVC in solenoid valve 3/2-way with backflushing*



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- 7 Sealing rings G 1/4" PVC in solenoid valve, 3/2-way

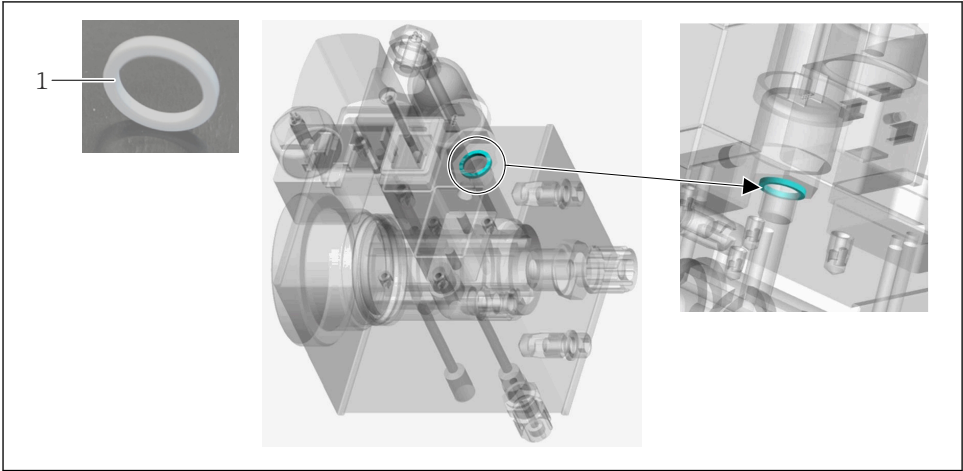


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- 8 Sealing rings G 1/4" PVC in solenoid valve, 3/2-way for aggressive media

6.3 Sealing ring G 1/8" PVC

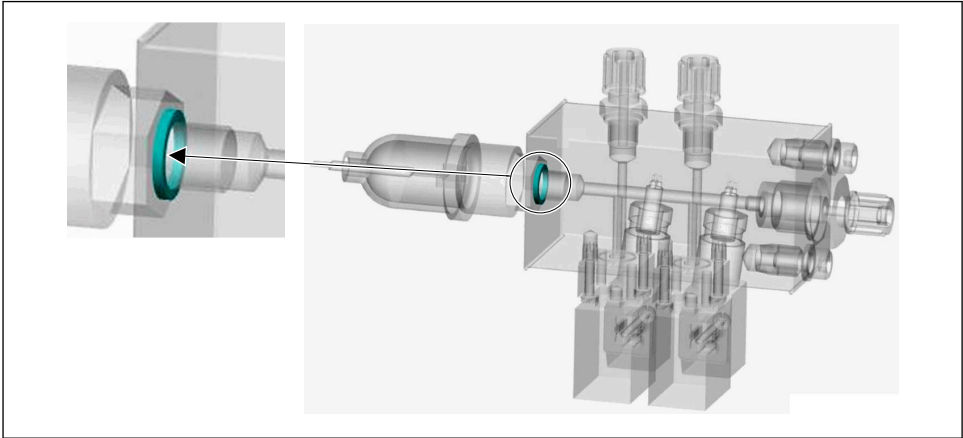
► Water connection block	→  9,  14
► Gas connection block	→  10,  14
► Gas generator	→  11,  15



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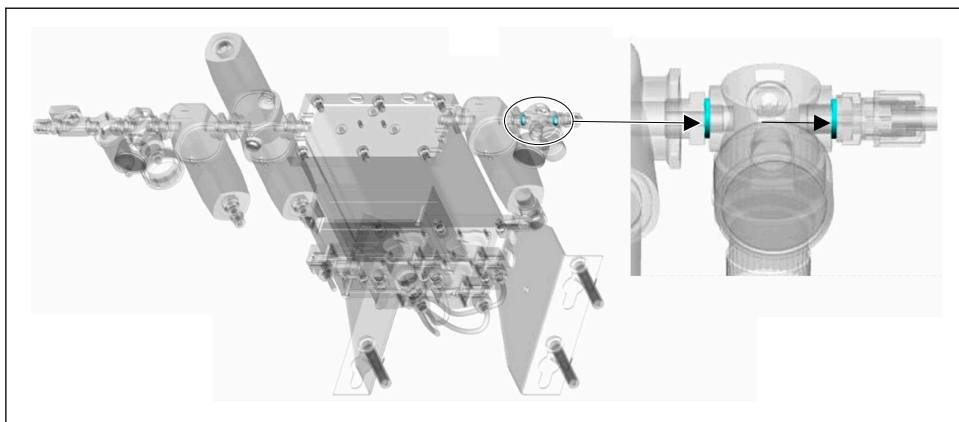
 9 Sealing ring G 1/8" PVC in water connection block

1 Sealing ring G 1/8" PVC



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 10 Sealing ring G 1/8" PVC in gas connection block



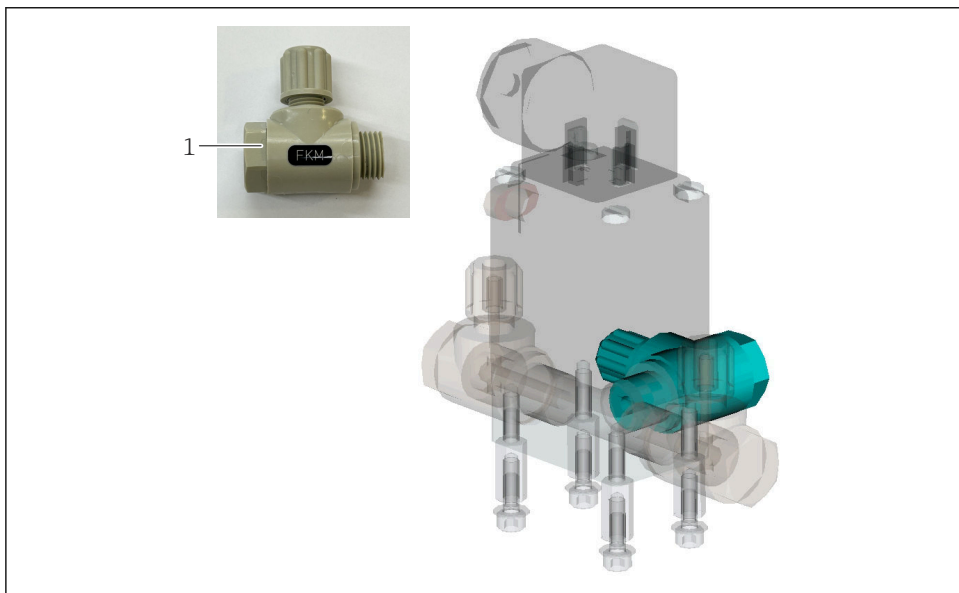
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11 Sealing rings G 1/8" PVC in gas generator

6.4 Angled swivel connector, machined

► Solenoid valve 3/2-way

→ 12, 15



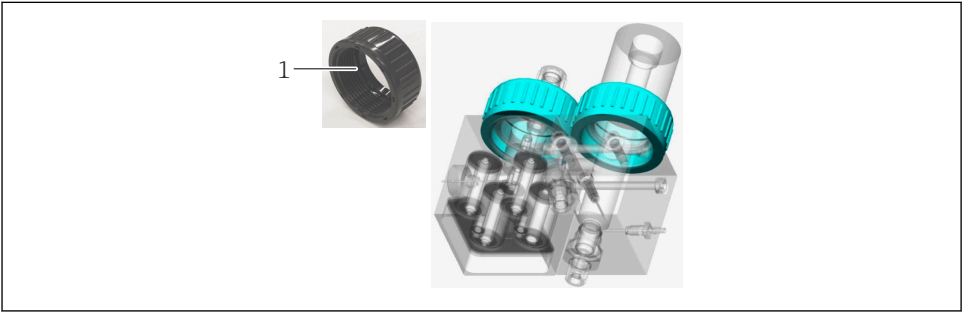
A0057361

12 Angled swivel connectors on the 3/2-way solenoid valve

1 Angled swivel connector, machined

6.5 Coupling nut 1½" PVC, machined

► Separation chamber type II	→  13,  16
► Stripping chamber type II	→  13,  16



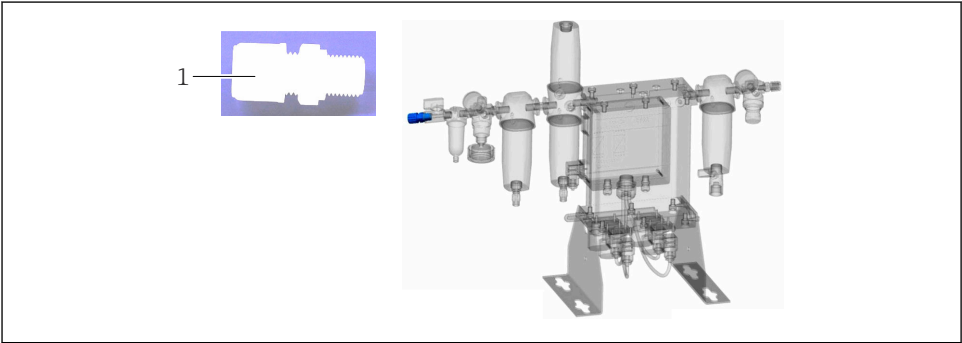
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 13 Coupling nut 1½" for separation chamber and stripping chamber

1 Coupling nut 1½"

6.6 Coupling D 6/8 × G¼" PVDF

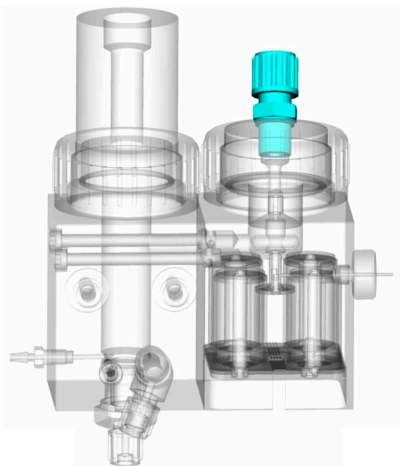
► Gas generator	→  14,  16
► Separation chamber type II	→  15,  17



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 14 Coupling D 6/8 × G¼" PVDF on gas generator

1 Coupling D 6/8 × G¼" PVDF



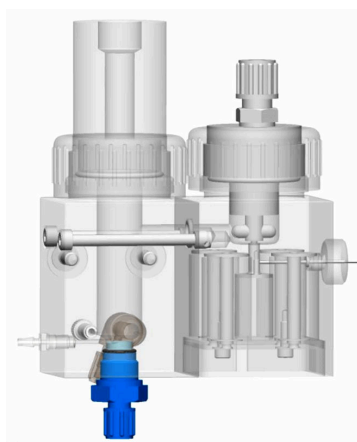
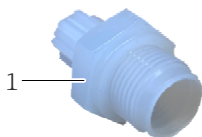
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15 Coupling D 6/8 × G1/4" PVDF on the separation chamber type II

6.7 Coupling D 4/6 × G3/8", machined

► Stripping chamber type II

→ 16, 17



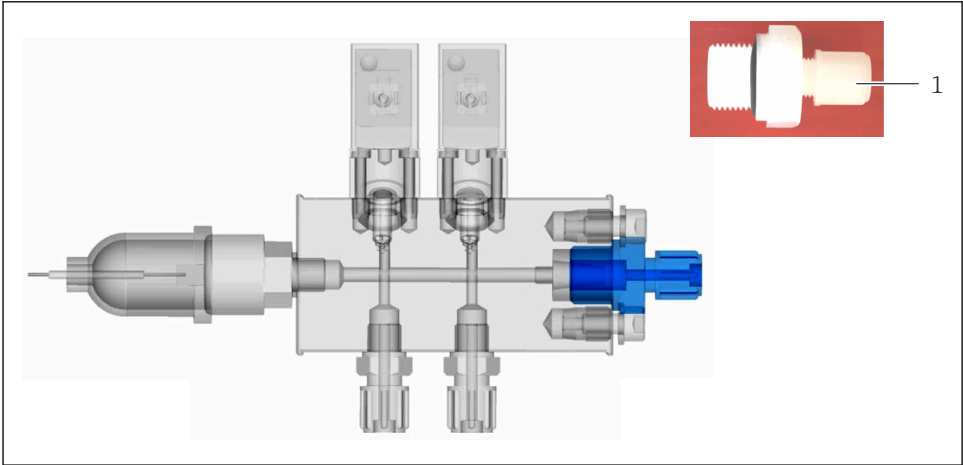
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16 Coupling D 4/6 × G3/8", machined in stripping chamber type II

1 Coupling D 4/6 × G3/8", machined

6.8 Coupling D 4/6 × G3/8" PVDF

► Gas connection base assembly	→  17,  18
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 17 Coupling D 4/6 × G3/8" PVDF in gas connection type I

6.9 Bulkhead coupling on one end, female thread

► Sample outlet	→  18,  18
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 18 Installation position of the bulkhead coupling

1 Bulkhead coupling with female thread

6.10 Bulkhead coupling D 4/6 PP

► Standard furnace, connection without heating filter (salt trap)	→  19,  19
► Gas discharge	→  20,  19



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 19 Bulkhead coupling D 4/6 PP for standard furnace, connection without heating filter (salt trap)

1 Bulkhead coupling D 4/6 PP

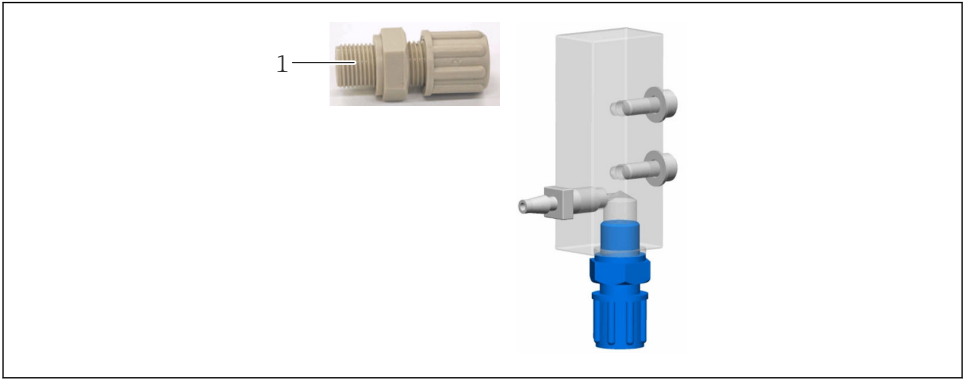


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 20 Bulkhead coupling D 4/6 PP for gas discharge

6.11 Coupling D 4/6 × G 1/8" PP

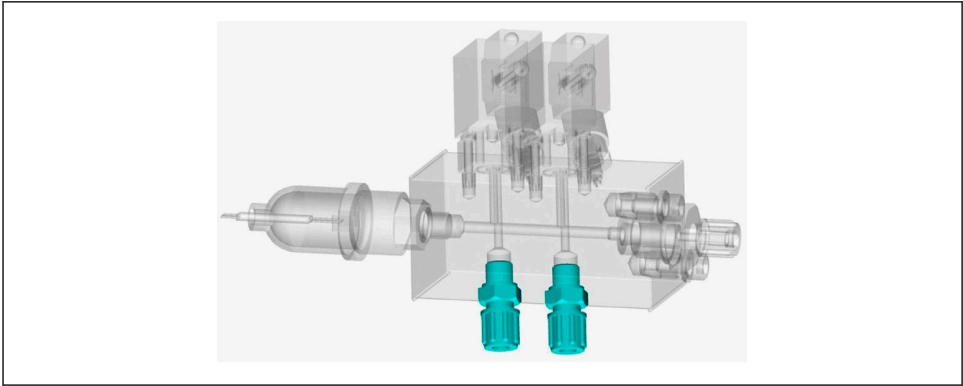
▶ Sample pump adapter	→  21,  20
▶ Gas connection type I	→  22,  20
▶ Water connection with dilution	→  23,  21
▶ Water connection without dilution	→  24,  21
▶ Heating filter	→  25,  22
▶ Mixing chamber	→  26,  22



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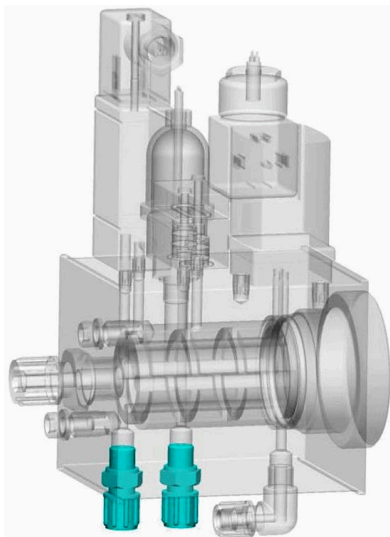
 21 Coupling D 4/6 × G 1/8" PP on sample pump adapter

1 Coupling D 4/6 × G 1/8" PP



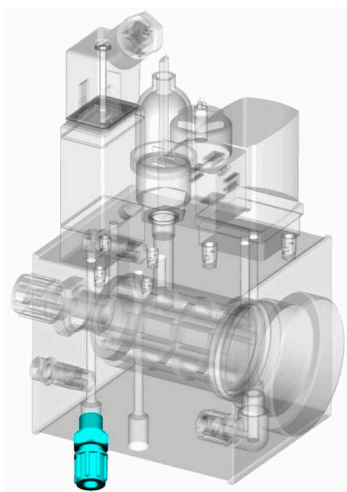
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 22 Coupling D 4/6 × G 1/8" PP on gas connection type I



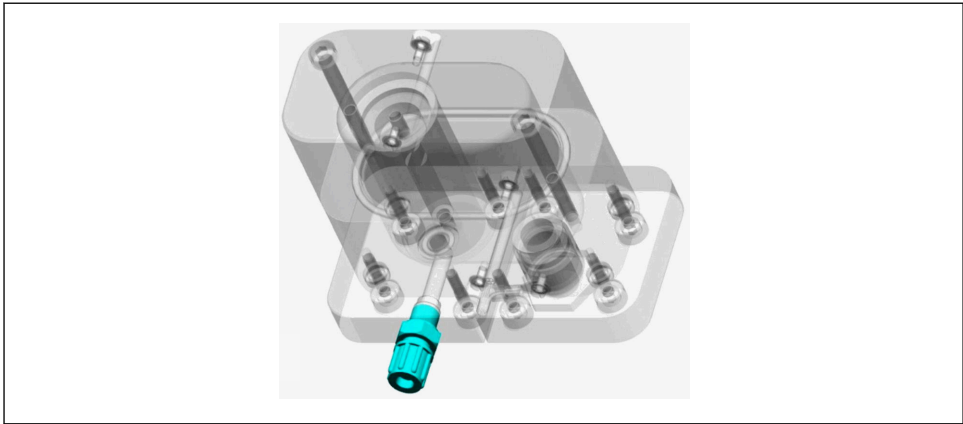
A0057374

23 Coupling D 4/6 × G 1/8" PP on water connection with dilution



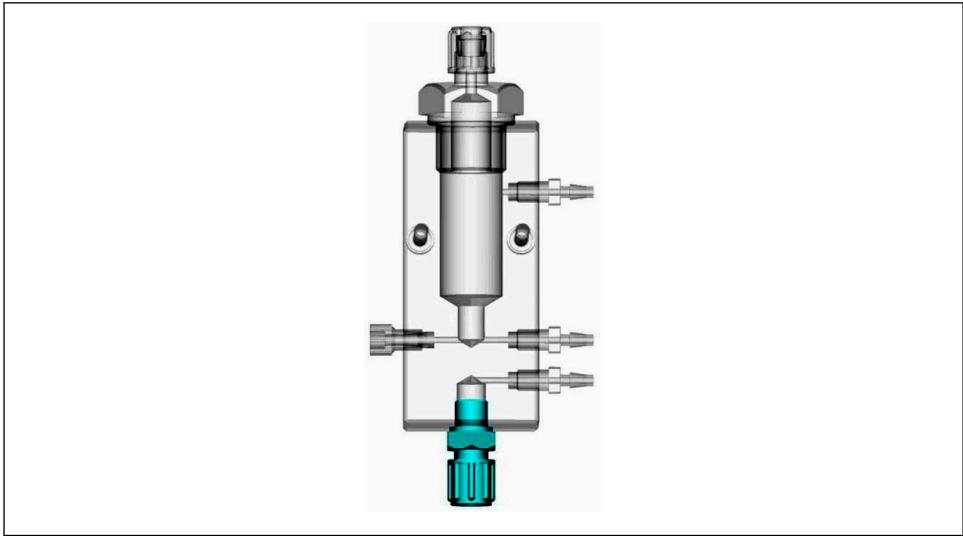
A0057375

24 Coupling D 4/6 × G 1/8" PP on water connection without dilution



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 25 Coupling D 4/6 × G 1/8" PP on heating filter



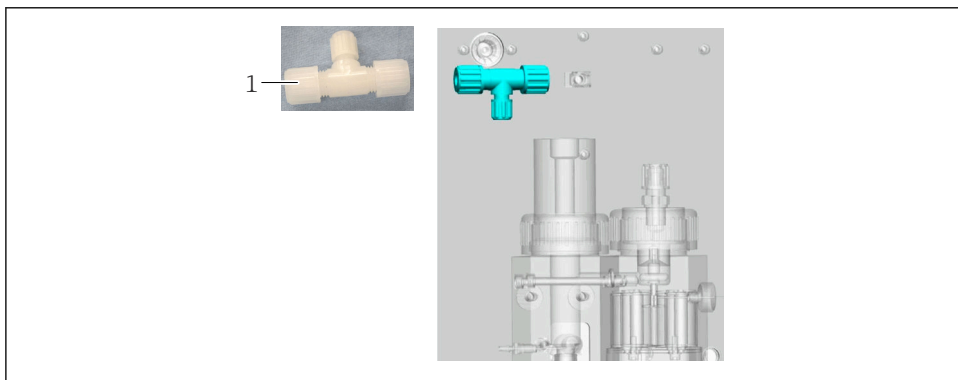
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 26 Coupling D 4/6 × G 1/8" PP on the mixing chamber

6.12 T-coupling D 6/8 × 6/8 × 4/6 PVDF

► TOCII mounting plate with dilution

→  27,  23



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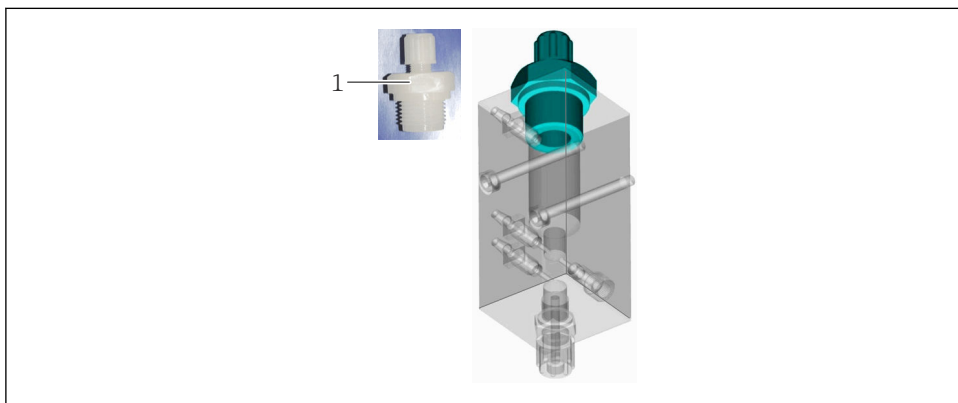
 27 T-coupling D 6/8×6/8×4/6 PVDF on TOCII mounting plate with dilution

1 T-coupling D 6/8 × 6/8 × 4/6

6.13 Coupling D 4/6 × G½" PVDF

► Mixing chamber

→  28,  23



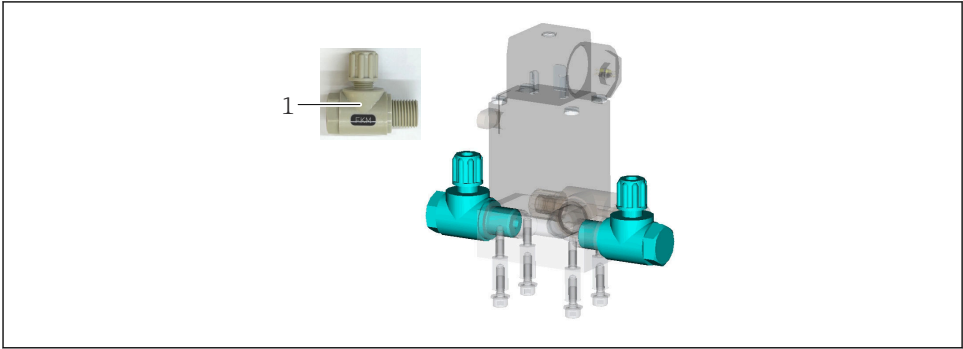
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 28 Coupling D 4/6 × G½" PVDF on the mixing chamber

1 Coupling D 4/6 × G½" PVDF

6.14 **Angled swivel connector D 4/6 × G¼" PP**

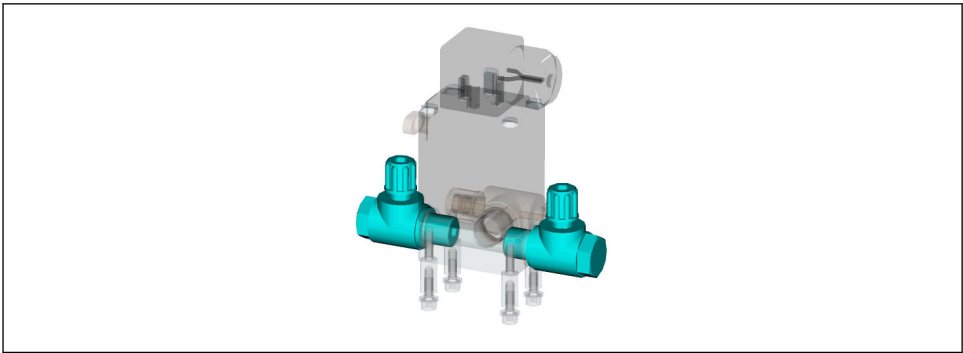
▶ Solenoid valve, 3/2, aggressive medium	→  29,  24
▶ Solenoid valve, 3/2-way, with backflushing	→  30,  24
▶ Solenoid valve, 3/2-way, standard	→  31,  25



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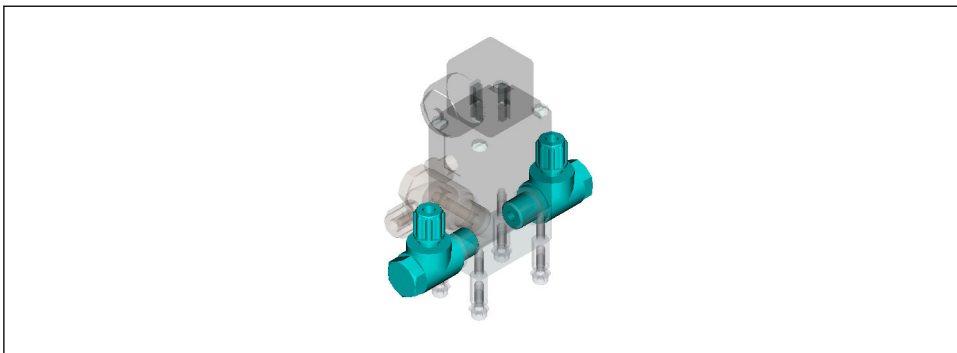
 29 *Angled swivel conn. D 4/6 × G¼" PP on solenoid valve, 3/2 for aggressive medium*

1 *Angled swivel connector D 4/6 × G¼" PP*



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 30 *Angled swivel conn. D 4/6 × G¼" PP on solenoid valve, 3/2-way with backflushing*



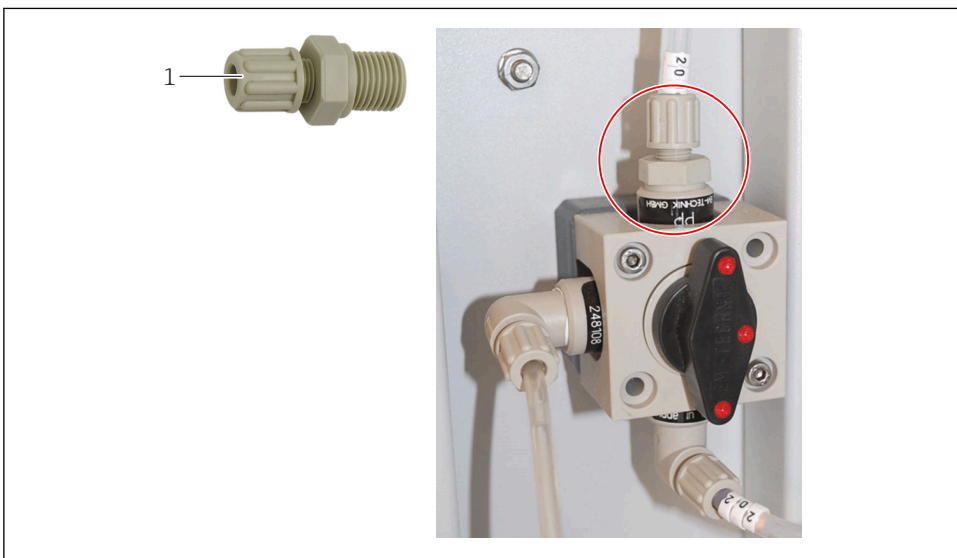
A0057382

- 31 Angled swivel conn. D 4/6 x G 1/4" PP on solenoid valve, 3/2-way, standard

6.15 Coupling D 4/6 x G 1/4" PP

► Sample channel switching

→ 32, 25



A0060402

- 32 Coupling D 4/6 x G 1/4" PP on the sample switching unit

- 1 Coupling D 4/6 x G 1/4" PP

6.16 Angled coupling D 4/6 × G 1/4" PP

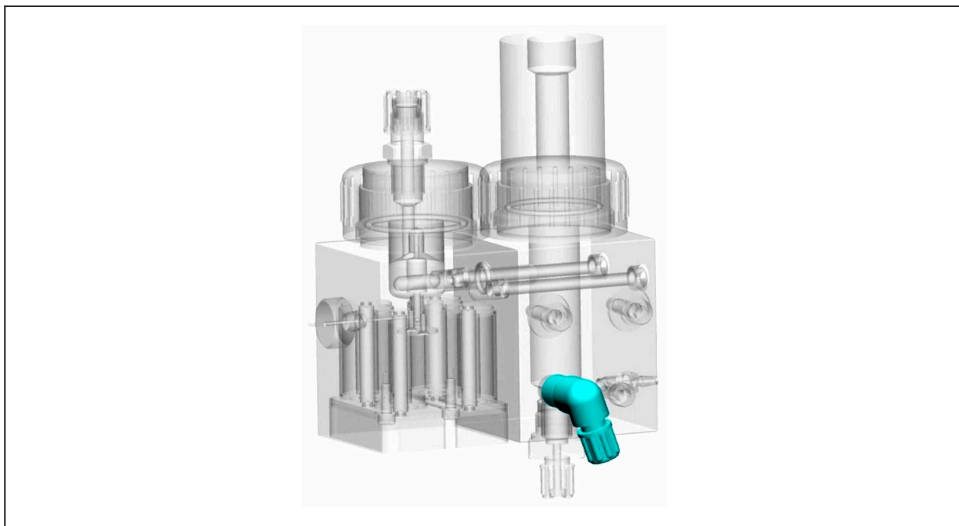
▶ Sample channel switching	→  33,  26
▶ Stripping vessel type II	→  34,  27
▶ Sample conditioning PA-2 (without screen)	→  35,  28
▶ Sample conditioning PA-3 (without screen)	→  35,  28



A0060401

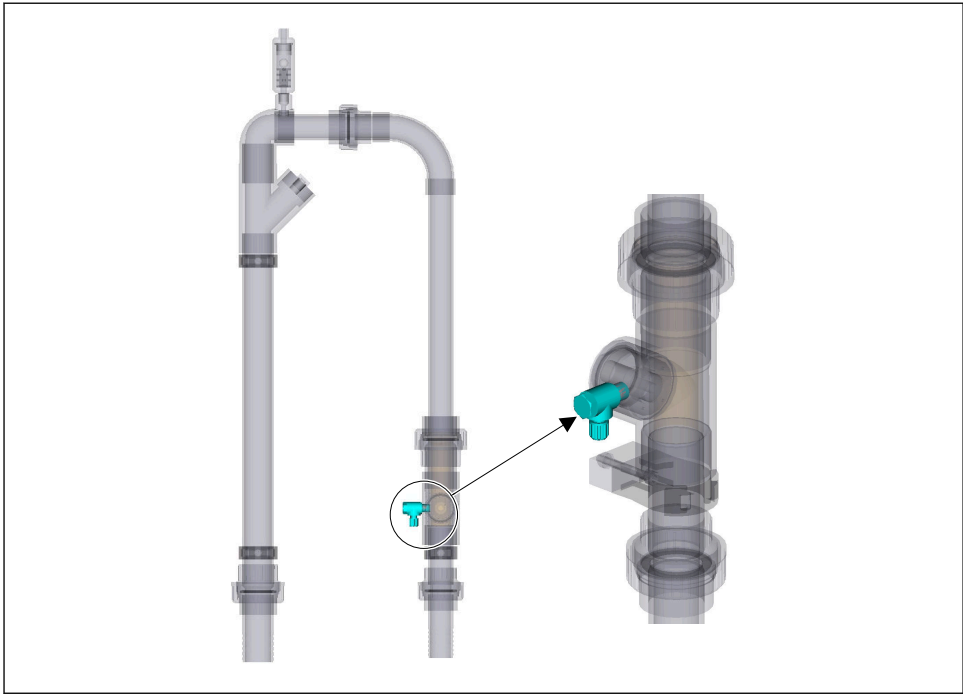
 33 Angled coupling D 4/6 × G 1/4" PP on the sample channel switching

1 Angled coupling D 4/6 × G 1/4" PP



A0057384

34 Angled coupling D 4/6 × G 1/4" PP on stripping vessel type II



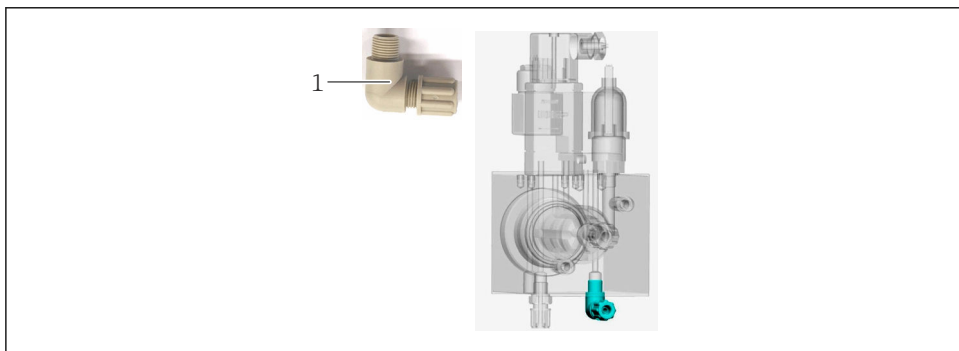
A0057385

35 Angled swivel coupling D 4/6 × G¼" PP on sample conditioning system PA-2 / PA-3 (illustrative depiction of sample conditioning system PA-2)

6.17 Angled coupling D 4/6 × G 1/8" PP

► Water connection without dilution

→  36,  29



A0057386

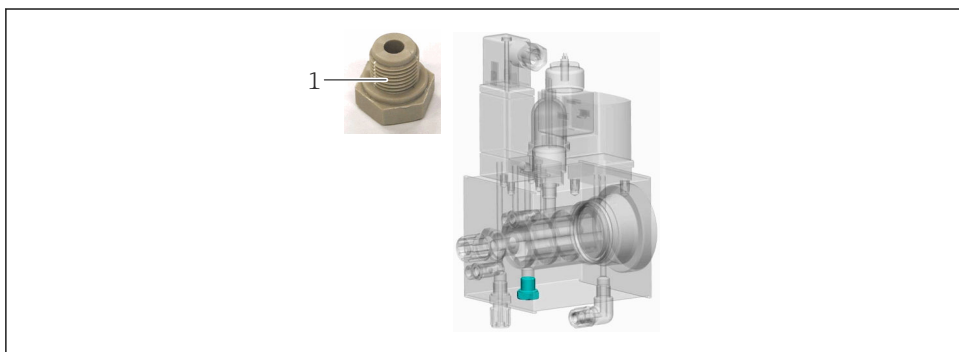
 36 *Angled coupling D 4/6 × G 1/8" AG PP on water connection without dilution*

1 *Angled coupling D 4/6 × G 1/8" PP*

6.18 Plug G 1/8" PP

► Water connection without dilution

→  37,  29



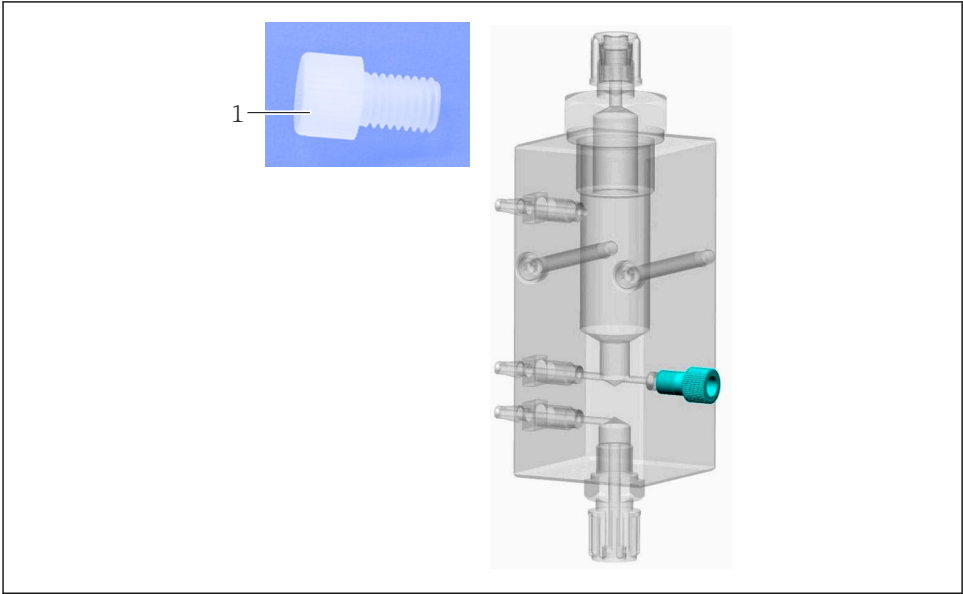
A0057387

 37 *Plug G 1/8" PP in water connection without dilution*

1 *Plug G 1/8" PP*

6.19 Coupling with short thread 1/8" × 28UNF ETFE

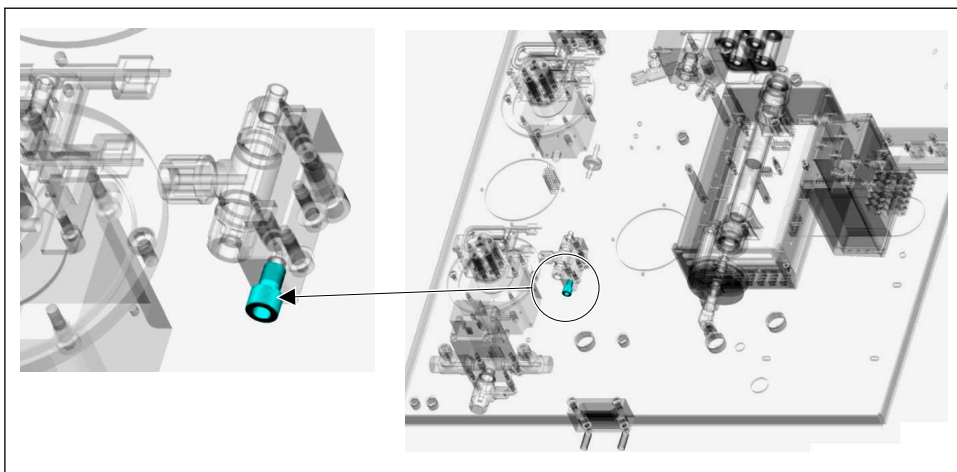
▶ Mixing chamber	→  38,  30
▶ Acid pump adapter	→  39,  31
▶ Adapter for condensate drain, acid supply	→  40,  31



A0057388

 38 Coupling with short thread 1/8" × 28UNF ETFE on the mixing chamber

1 Coupling with short thread 1/8" × 28UNF ETFE



A0057389

39 Coupling with short thread $\frac{1}{8}'' \times 28\text{UNF}$ ETFE on acid pump adapter



A0057390

40 Coupling with short thread $\frac{1}{8}'' \times 28\text{UNF}$ ETFE on condensate drain adapter for acid supply

6.20 Cone for coupling $\frac{1}{8}'' \times 28\text{UNF}$ ETFE

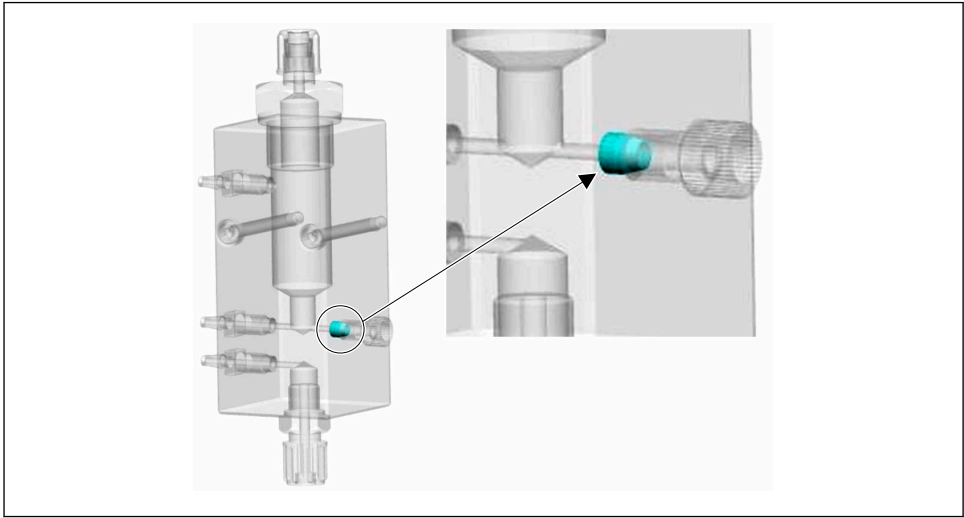
► Adapter for condensate drain, acid supply	→ 41, 32
► Mixing chamber	→ 42, 32
► Stripping chamber type II	→ 44, 33
► Acid pump adapter	→ 43, 33
► Condensate pump adapter	→ 44, 33



A0057391

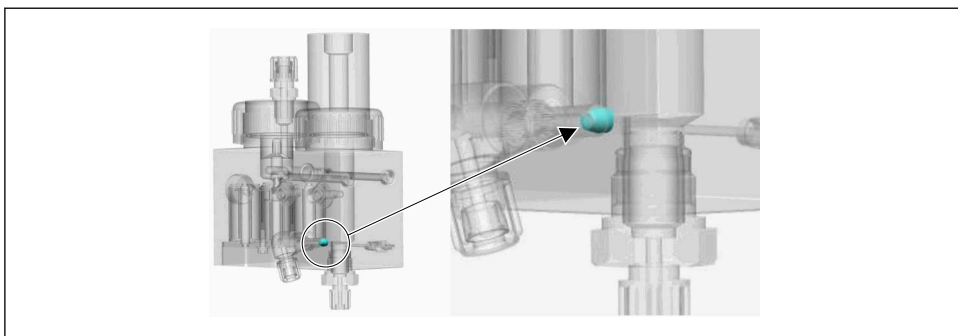
41 Cone for coupling $\frac{1}{8}$ " $\times$ 28UNF ETFE on condensate adapter for acid supply

1 Cone for coupling $\frac{1}{8}$ " $\times$ 28UNF ETFE



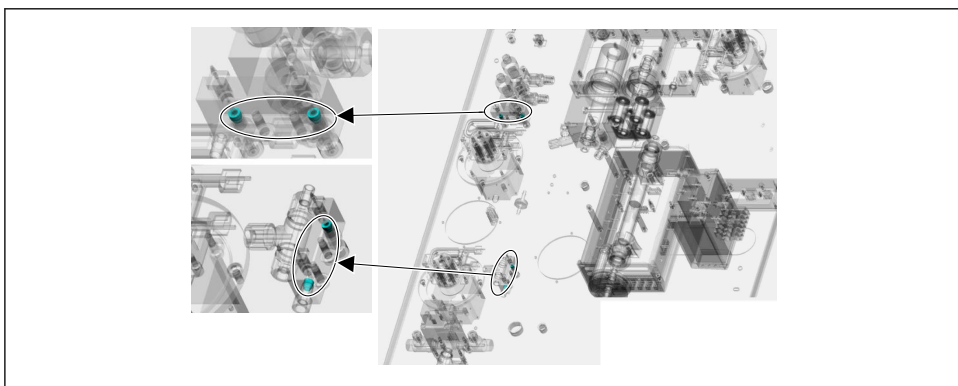
A0057392

42 Cone for coupling $\frac{1}{8}$ " $\times$ 28UNF ETFE in the mixing chamber



A0057393

43 Cone for coupling $\frac{1}{8}'' \times 28\text{UNF}$ ETFE in the stripping chamber type II

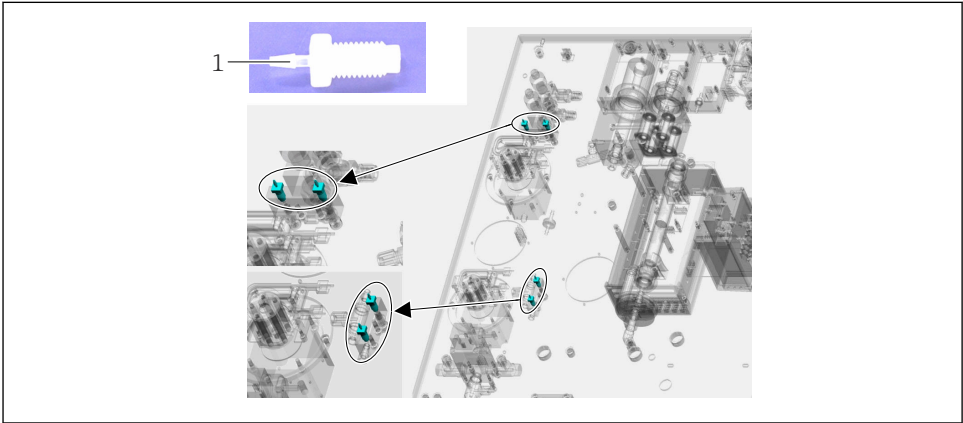


A0057394

44 Cone for coupling $\frac{1}{8}'' \times 28\text{UNF}$ ETFE in the condensate pump adapter (above) and in the acid pump adapter (below)

6.21 Coupling with nozzle 1/4" × 28 D 1.55 ETFE

► Acid pump adapter	→  45,  34
► Condensate pump adapter	→  45,  34

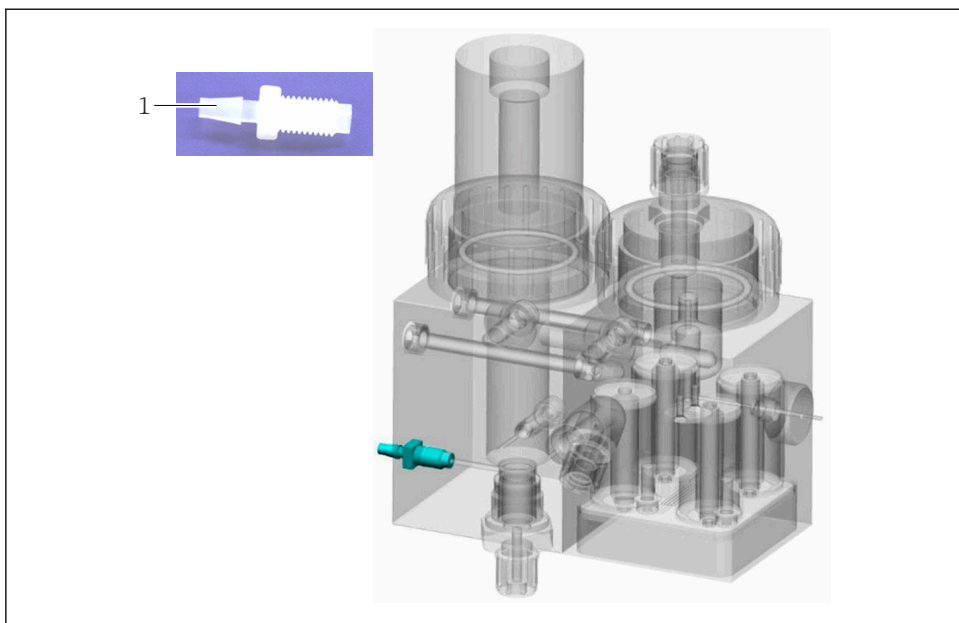


A0057395

 45 Coupling with nozzle 1/4" × 28 D 1.55 ETFE in the condensate pump adapter (above) and in the acid pump adapter (below)

6.22 Coupling with nozzle 1/4" × 28 D 3.20 ETFE

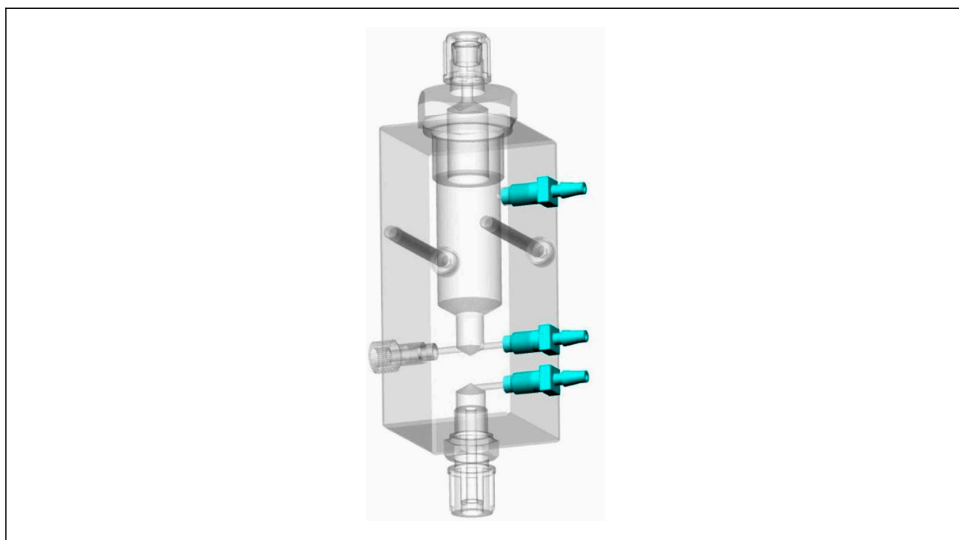
► Stripping chamber type II	→  46,  35
► Mixing chamber	→  47,  35
► Sample pump adapter	→  48,  36



A0057396

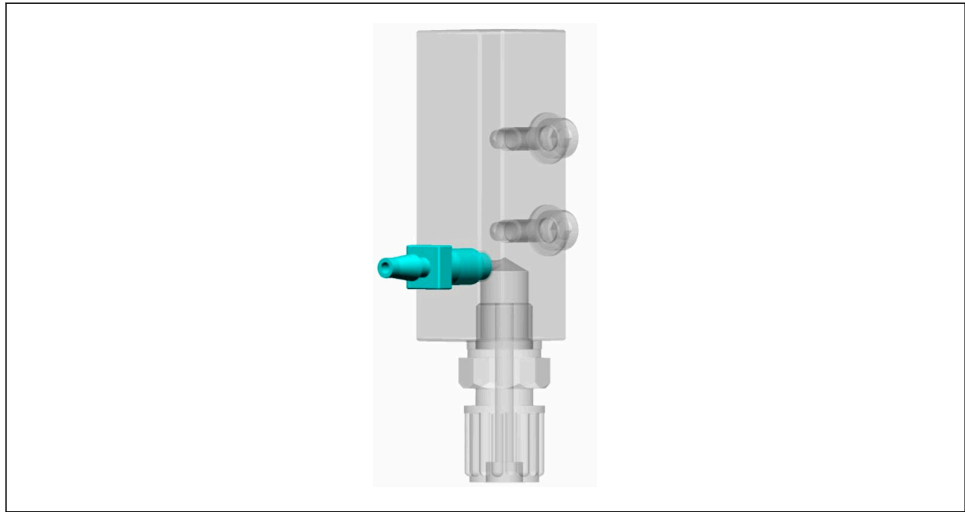
46 Coupling with nozzle $\frac{1}{4}'' \times 28$ D 3.2 ETFE in stripping chamber type II

1 Coupling with nozzle $\frac{1}{4}'' \times 28$ D 3.2 ETFE



A0057397

47 Coupling with nozzle $\frac{1}{4}'' \times 28$ D 3.2 ETFE on the mixing chamber

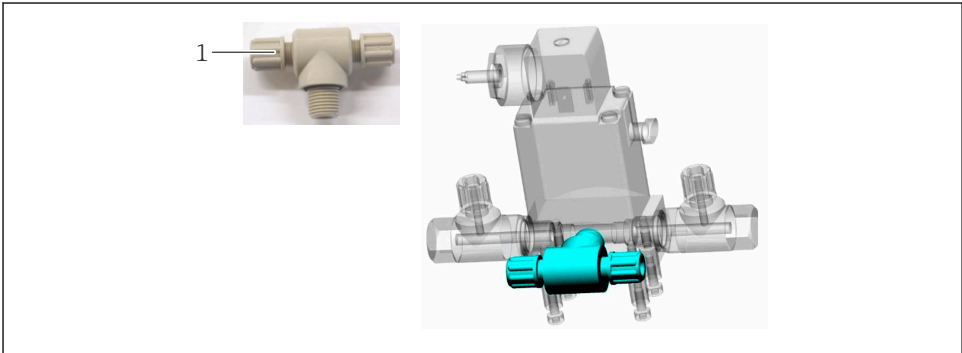


A0057398

 48 Coupling with nozzle ¼" × 28 D 3.2 ETFE on the sample pump adapter

6.23 Coupling D 4/6 × G¼" × 4/6 PP

► Solenoid valve, 3/2, aggressive medium	→  49,  36
► Solenoid valve, 3/2-way, with backflushing	→  49,  36



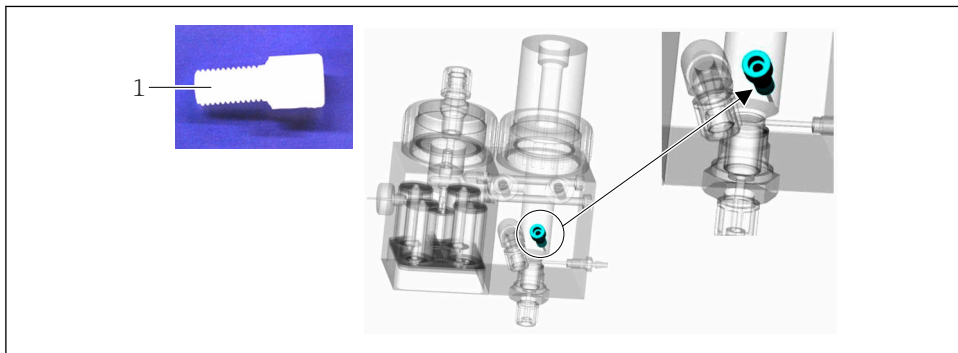
A0057399

 49 Coupling D 4/6 × G¼" × 4/6 PP with O-ring, FPM, on solenoid valve, 3/2-way

1 Coupling D 4/6 × G¼" × 4/6 PP with O-ring, FPM

6.24 Long coupling $\frac{1}{8}" / \frac{1}{4}" \times 28\text{UNF}$ ETFE

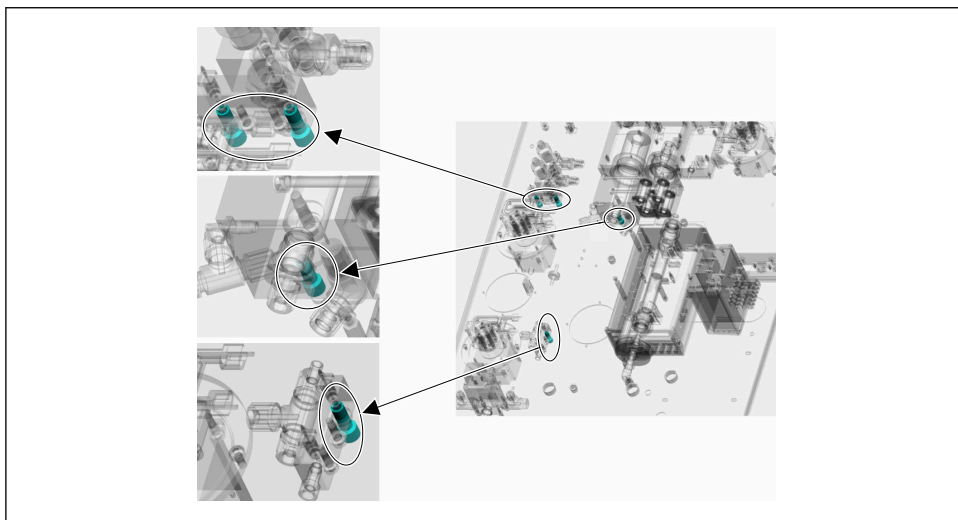
► Stripping vessel type II	→  50,  37
► Condensate pump adapter	→  51,  37
► Adapter for condensate drain, acid supply	→  51,  37
► Acid pump adapter	→  51,  37



A0057400

 50 Long coupling $\frac{1}{8}" / \frac{1}{4}" \times 28\text{UNF}$ ETFE in stripping vessel type II

1 Long coupling $\frac{1}{8}" / \frac{1}{4}" \times 28\text{UNF}$ ETFE



A0057401

 51 Long couplings $\frac{1}{8}" / \frac{1}{4}" \times 28\text{UNF}$ ETFE

6.25 Coupling D 3.2 × GL 14 PVDF

► Cooler, glass insert below	→  52,  38
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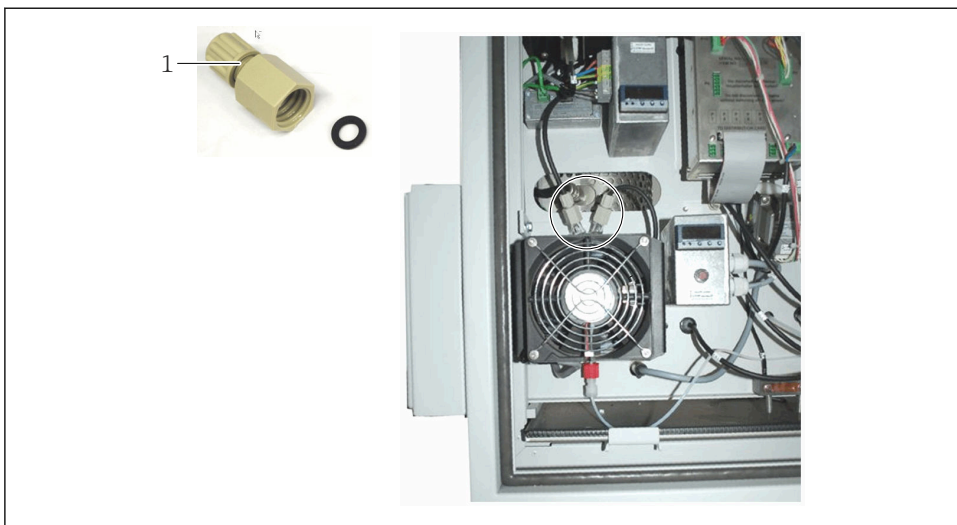
A0057402

 52 Coupling D 3.2 × GL 14 PVDF on cooler, glass insert below

1 Coupling D 3.2 × GL 14 PVDF

6.26 Coupling D 4/6 × GL 14 PP

► Cooler, glass insert above	→  53,  39
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A0057403

53 Coupling D 4/6 × GL 14 PP on cooler, glass insert above

1 Coupling D 4/6 × GL 14

7 Final tasks

1. Restore the supply of all media.
2. Switch on the analyzer at the main switch.
3. Check the seal of the liquid section as described in the Operating Instructions.
4. Check the seal of the gas section as described in the Operating Instructions.
5. Restart the analyzer as described in the Operating Instructions.
6. Close all doors of the analyzer.

8 Disposal



If required by the Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), the product is marked with the depicted symbol in order to minimize the disposal of WEEE as unsorted municipal waste. Do not dispose of products bearing this marking as unsorted municipal waste. Instead, return them to the manufacturer for disposal under the applicable conditions.



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