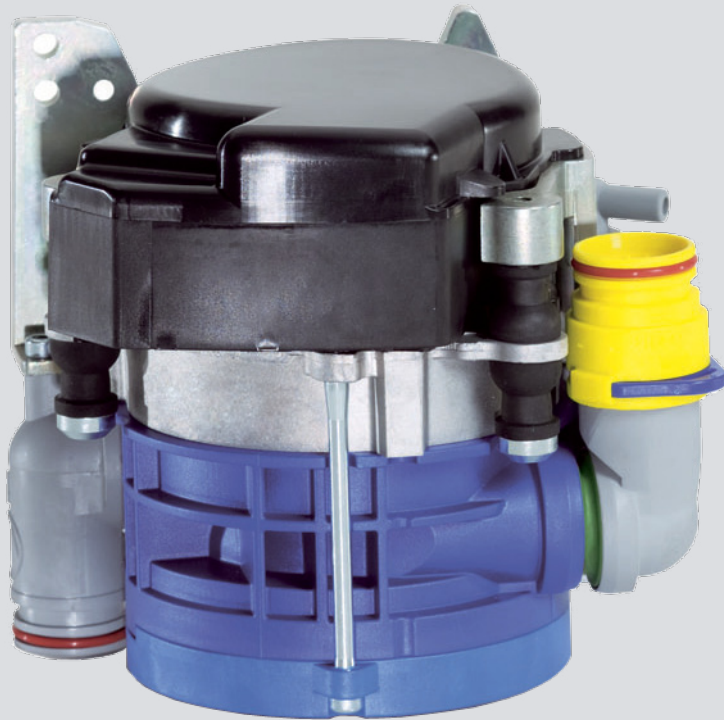


CS 1

Service manual

EN



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

9000-617-27/02



CS 1

Service manual

- **3-yearly service** (9000-606-123/01)
- **5-yearly service** (9000-606-124/01)

CS 1 3-yearly service

The following information is in addition to the Installation & Operating Instructions for the appliance.

Always refer additionally to the Installation and Operating Instructions of the unit, which contain important information such as safety instructions, set-up, electrical connections, disinfection, cleaning, etc.



Any refitting may only be carried out by a suitably qualified person or one of our service technicians.

Delivery contents

The following parts are included in the scope of delivery:

CS 1 Service-Kit for 3-yearly service 7117-980-33

- Rubber bushing with support ring
- Rubber bushing with nonreturn valve

Required tools:

- Standard screwdriver
- Allen key 3 mm
- Allen key 4 mm



1.



- After treating each patient aspirate one cup of water.

2.



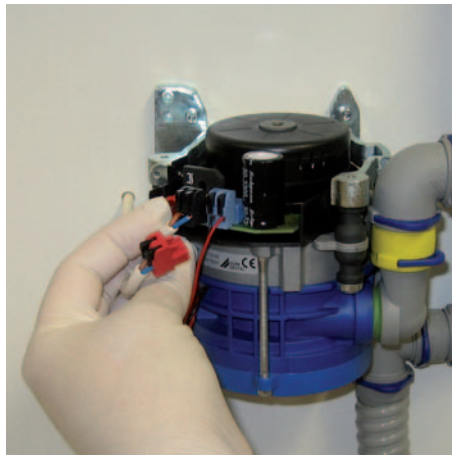
- Mix the suction unit disinfectant, e.g. Orotol plus, in the OroCup according to instructions.

3.



- Before commencing any work, clean and disinfect the suction unit.

4.



- Remove the motor housing.
- Unplug the electrical connections.

5.



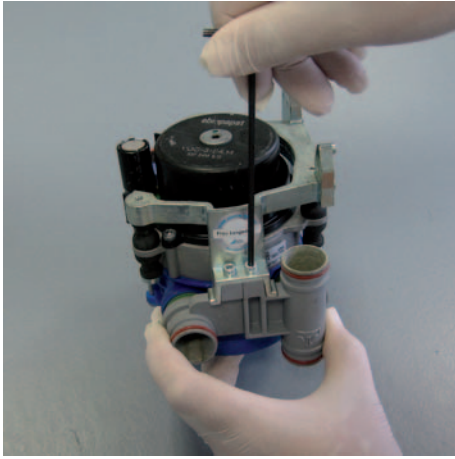
- Remove the safety clips to the connections using a screwdriver.
- Disconnect the hoses to the DürrConnect parts.

6.



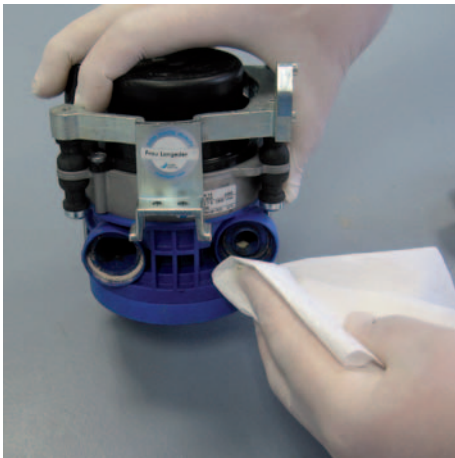
- Undo the locking screws and take the unit from the treatment unit.

7.



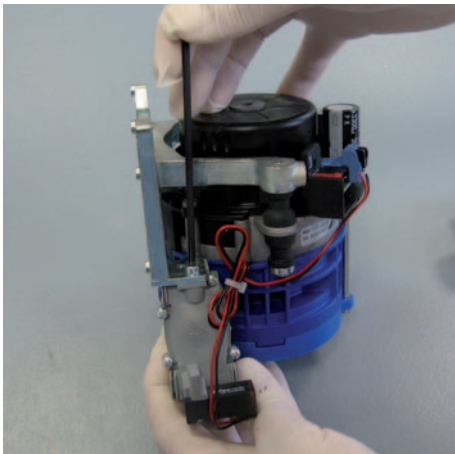
- Undo the connection screws.
- Remove the connections.
- Remove rubber bushings.

8.



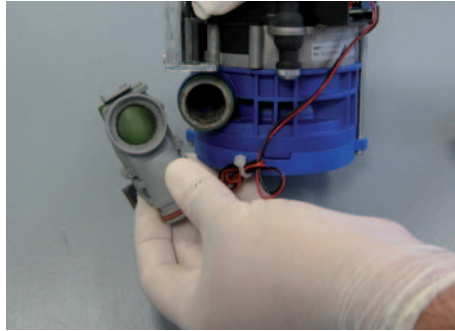
- Clean all connections.

9.



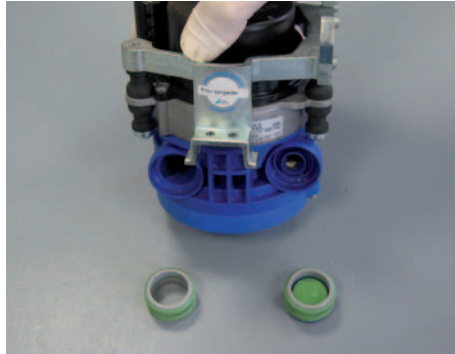
- Undo the screws to the station selection valve.

10.



- Remove the station selection valve.
- Remove the rubber bushings.
- Clean all connections.

11.



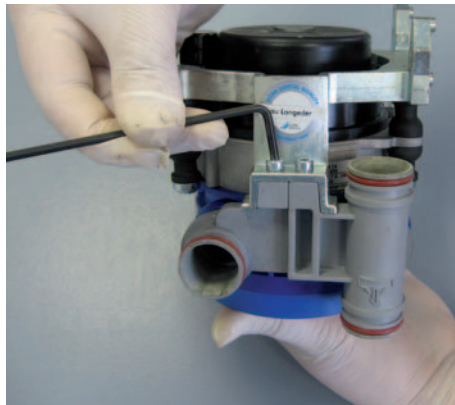
- Insert the rubber bushings to suction and waste connections.

12.



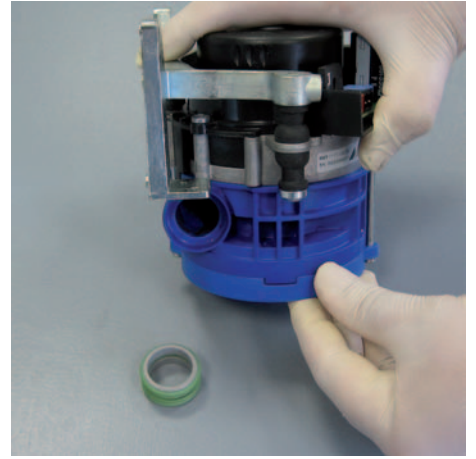
- Careful at the recess (connection point).

13.



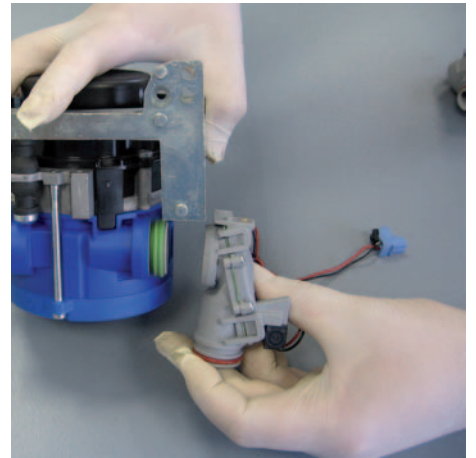
- Apply connections and screw on tightly.

14.



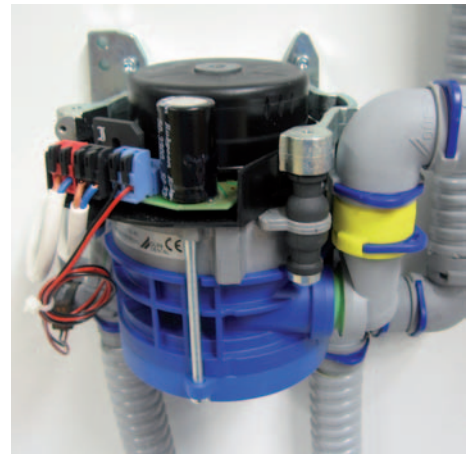
- Insert the rubber bushing at the connection to the station selection valve.

15.



- Mount station selection valve and tighten in place.
- Connect the electrical connections.

16.



- Position and fix the CS 1 into the treatment unit.
- Connect the power supply and control line.
- Mount motor housing in position.



CS 1 5-yearly service

The following information is in addition to the Installation & Operating Instructions for the appliance.

Always refer additionally to the Installation and Operating Instructions of the unit, which contain important information such as safety instructions, set-up, electrical connections, disinfection, cleaning, etc.



Any refitting may only be carried out by a suitably qualified person or one of our service technicians.

Delivery contents

The following parts are included in the scope of delivery:

CS 1 service-kit for 5-yearly service 7117-980-34

- Rubber bushing with support ring
- Rubber bushing with nonreturn valve
- Set of seals
- Set of o-rings for CS 1

Required tools:

- Standard screwdriver
- Allen key 3 mm
- Allen key 4 mm



1.



- After treating each patient aspirate one cup of water.

2.



- Mix the suction unit disinfectant, e.g. Orotol plus, in the OroCup according to instructions.

3.



- Before commencing any work, clean and disinfect the suction unit.

4.



- Remove the motor housing.
- Unplug the electrical connections.

5.



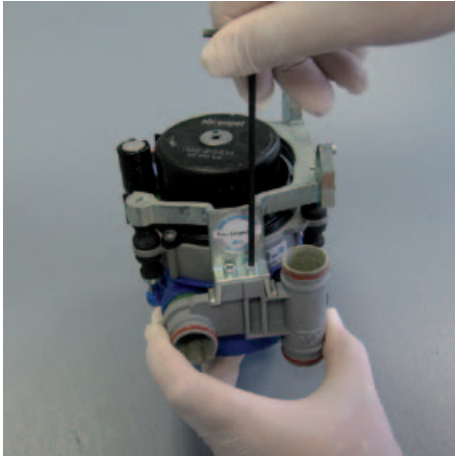
- Remove the safety clips to the connections using a screwdriver.
- Disconnect the hoses to the DürrConnect parts.

6.



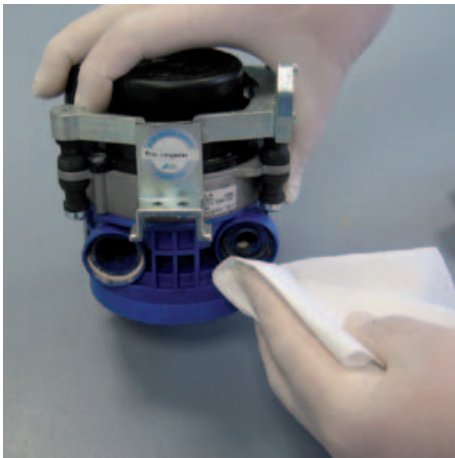
- Undo the locking screws and take the unit from the treatment unit.

7.



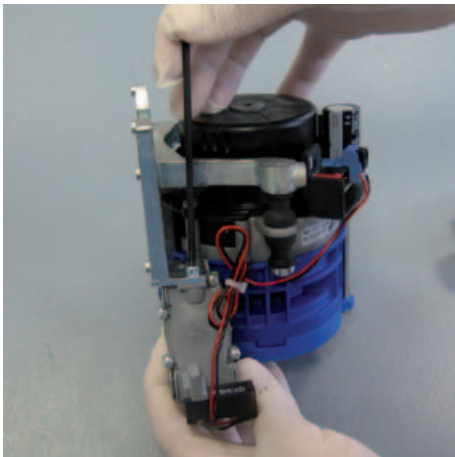
- Undo the connection screws.
- Remove the connections.
- Remove rubber bushings.

8.



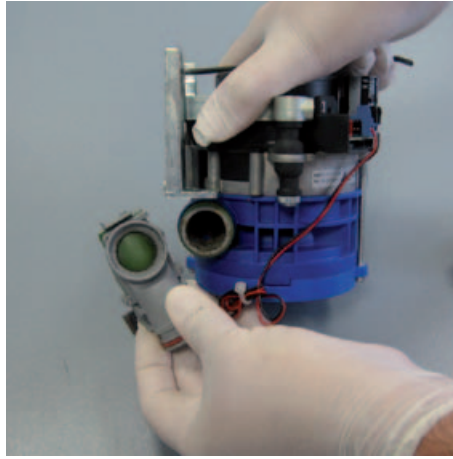
- Clean all connections.

9.



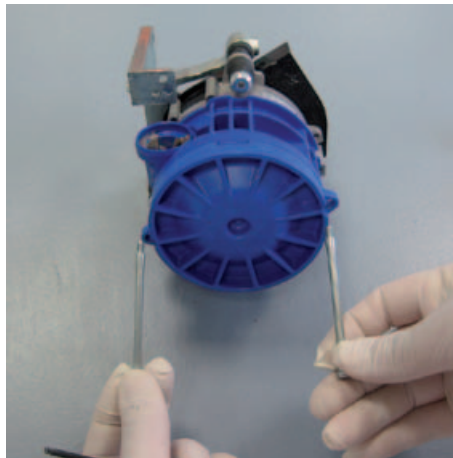
- Undo the screws to the station selection valve.

10.



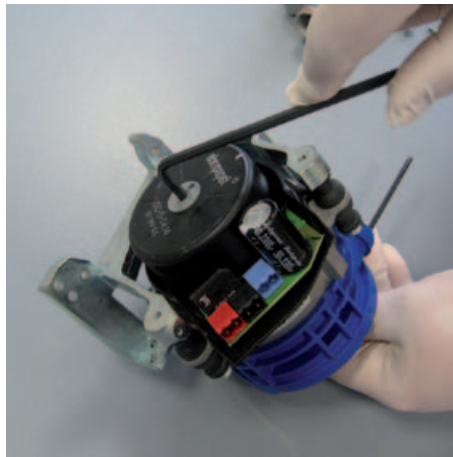
- Remove the station selection valve.
- Remove the rubber bushings.
- Clean all connections.

11.



- Undo the screws to the housing and remove.
- Remove the housing to the separation unit.

12.



- Hold the motor using a 4 mm Allen key.

13.



- Remove the central screw to the separation using a 3 mm Allen key.

14.



- Remove the separation unit from the motor.
- Remove separation cover.

15.



- Carefully lift the pump wheel using a screwdriver or Allen key and remove.

16.



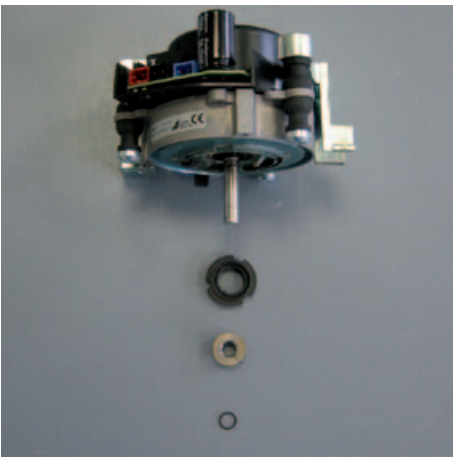
- Remove the separation rotor from the separation itself.

17.



- Remove the O-rings from the individual parts of the separation.

18.



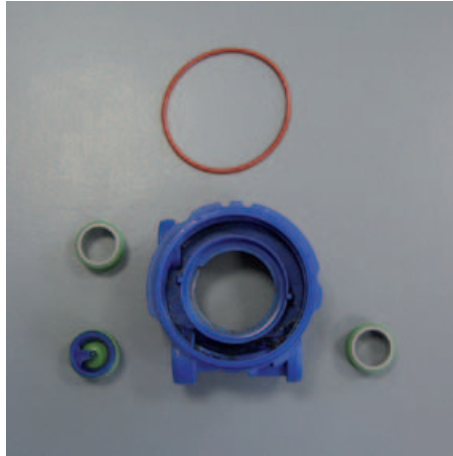
- Remove the sliding ring seal from the motor flange.

19.



- Rinse the individual parts of the separation using plain water.

20.



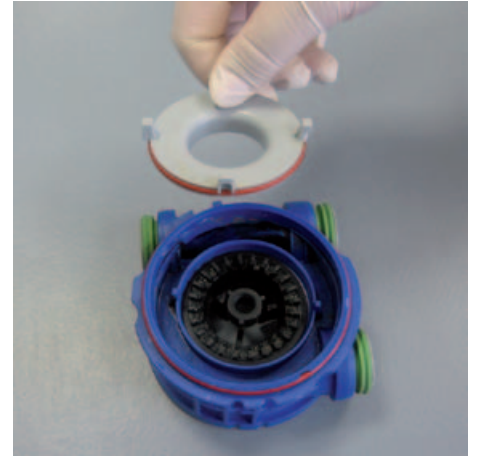
- Insert the new O-ring and new rubber bushing to separation housing.

21.



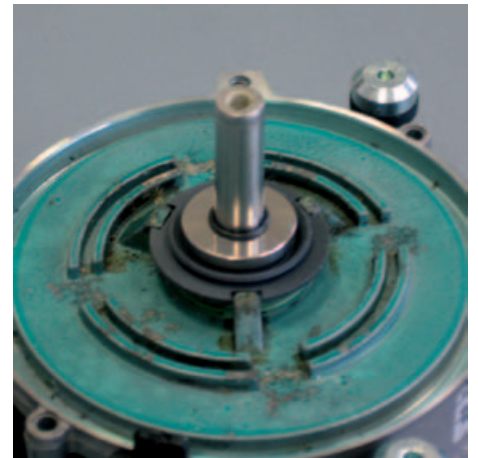
- Careful at the recess (connection point).

22.



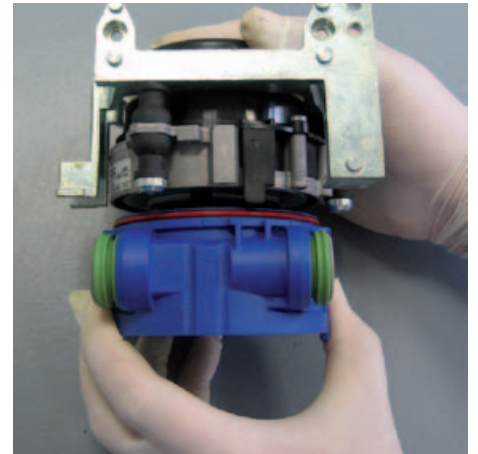
- Insert the separation rotor into the separation unit.
- Install the new O-ring into the separation cover. Be careful to note correct position!

23.



- Insert sliding ring seal. Be careful to note correct position!
- Slide the metal ring and O-ring onto the motor shaft.

24.



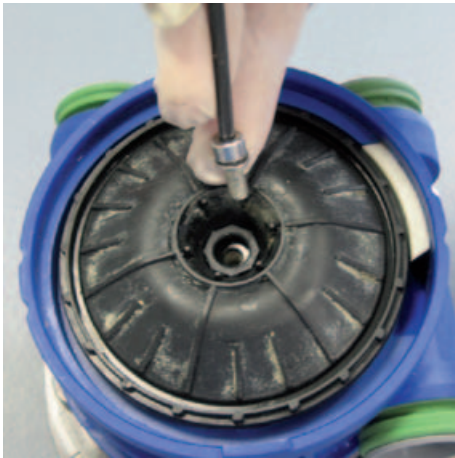
- Attach the separation to motor unit. Be careful to note correct position!

25.



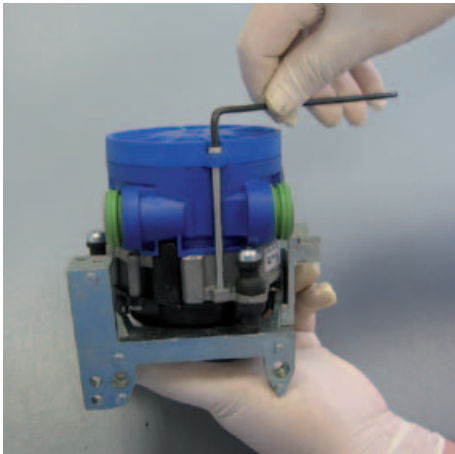
- Insert the separation rotor into the separation unit.

26.



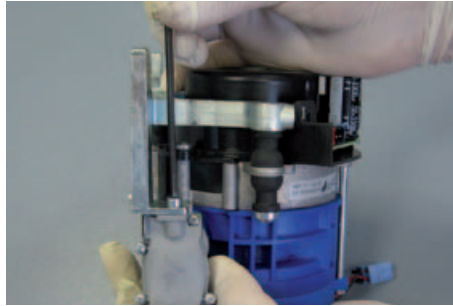
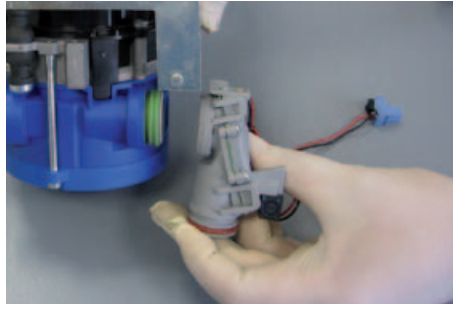
- Insert the central screw to the separation using a 3 mm Allen key. Hold the motor using a 4 mm Allen key.

27.



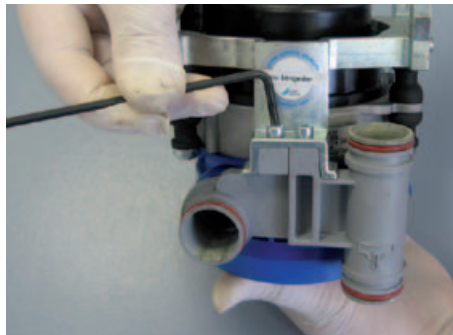
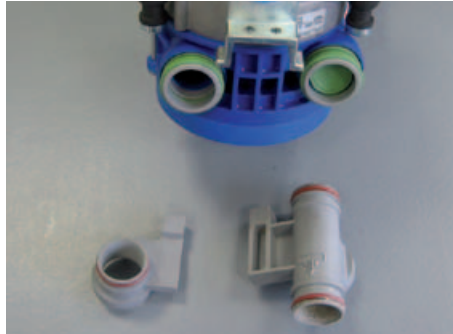
- Place the housing cover with its new O-ring onto the separation housing. Be careful to note correct position (markings)!
- Insert and tighten the screws to the housing.

28.



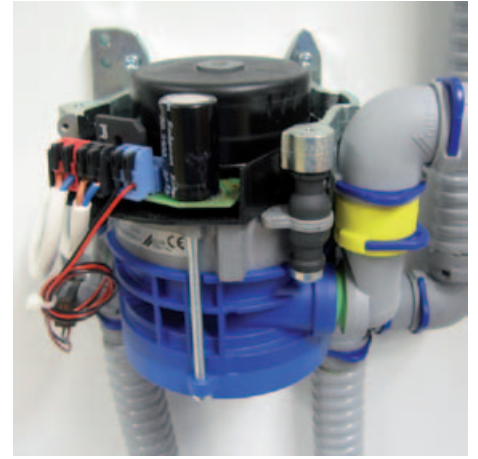
- Mount station selection valve and tighten in place.
- Connect the electrical connections.

29.



- Apply connections and screw on tightly.

30.



- Position and fix the CS 1 into the treatment unit.
- Connect the power supply and control line.
- Mount motor housing in position.



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