





Partial maintenance of the ACP 20/28 pump (ASM 182 TD+ leak detector)

The frequency of the preventive maintenance tasks is listed in section D 10.

Tools required:

Allen wrench Ø 3mm , 4mm  and 5mm ,
Open end wrench or ring spanner Ø 10 ,
Phillips screwdriver .



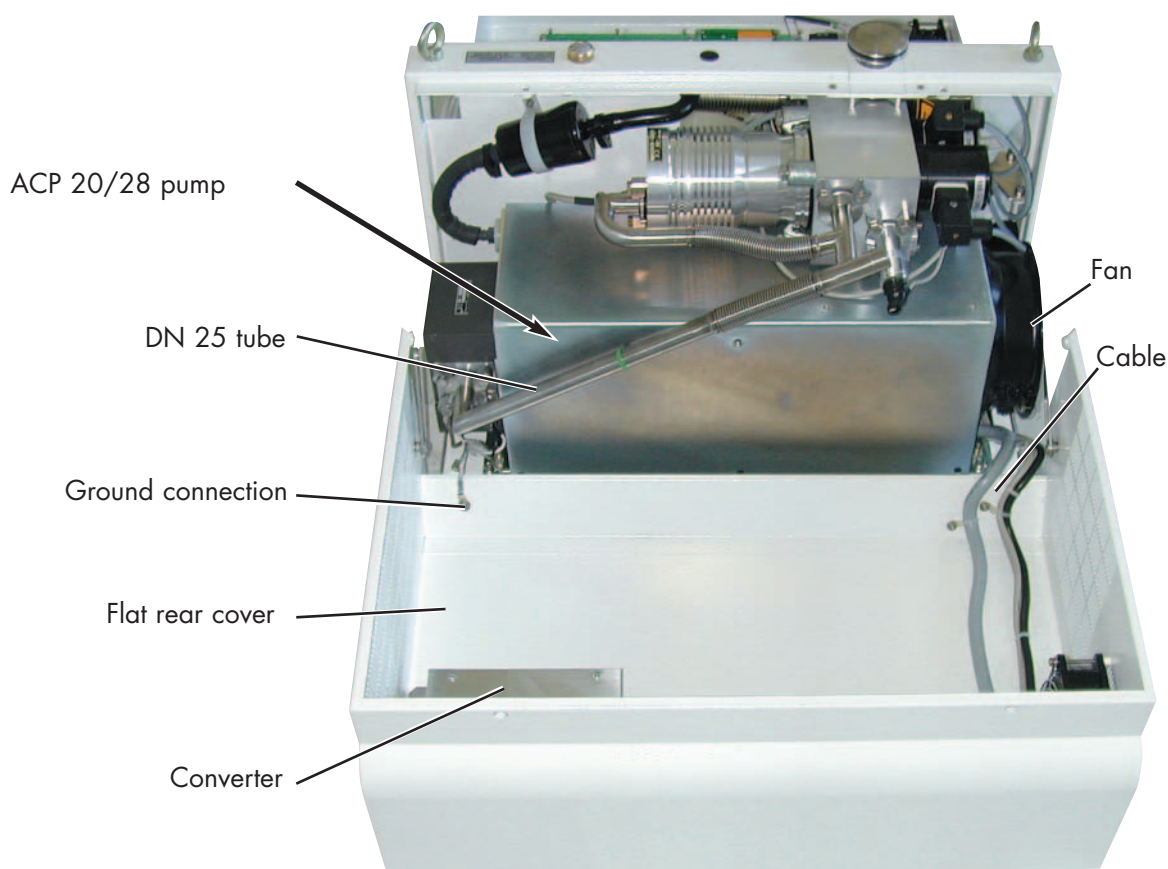
For all the maintenance operations on the ACP 20/28 pump, please contact customer service.

Access to the pump

With the rear cover open, unlock the hinge system in order to remove the flat rear cover.



Do not damage the ground connections.



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Removal procedure

- Remove the 4 power supply cable brackets on the rear cover using a 7 mm spanner.
- Disconnect the cable at the converter and its ground wire.
- Using a 10 mm spanner, remove the intake (and exhaust) tube.
- For easier disassembly, pivot the rear cover to the right (cable side) to obtain better access to the ACP 20/28 pump disassembly screws.
- Remove the 4 pump attachment screws (5 mm hexagonal wrench) on the frame and take the pump out of the detector.
- Remove the 2 fan attachment screws, disconnect the fan connector and its ground wire.
- Disconnect the ACP 20/28 motor connector to leave the passage free for the fan (1 four-pin connector).
- Remove the ACP 20/28 cover after removing its 6 attachment screws and the foam protections.
- Remove the aluminium adhesive plates using a flat screwdriver.
- Remove the silencer by pulling it upwards.
- Remove the exhaust stop valve (2 CHc allen head screws), its seal, its spring and its pin.