

OsmoTECH® PRO Routine Maintenance

Maintenance must be performed on a regular basis in order to maintain the OsmoTECH PRO's accuracy and precision. The schedule below outlines the proper intervals to check and replace instrument components.

Daily maintenance routine - sample probe

Inspect the sample probe [A] daily to ensure that it is clean and free of any sample buildup.

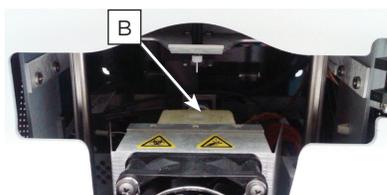
1. Remove the turntable.
2. On the Diagnostics screen, press **CLEANING > LOWER PROBE**.
3. If the sample probe shows signs of fouling, wipe it with a lint-free cloth dampened with isopropyl alcohol or cleaning solution for protein removal¹.
4. When the cleaning is complete, press **DONE**.



Weekly maintenance routine - cooling well

Clean the cooling well [B] using the Swab Cleaner Kit (part number 202850).

1. Remove the turntable from the front of the instrument to access the cooling well.
2. Dampen a flexible swab with isopropyl alcohol and insert it into the round opening in the cooling well.



Monthly maintenance routine - exhaust fans

Examine the exhaust fans [C] on the rear of the instrument to ensure they are unobstructed by dust or debris. If cleaning is needed:

1. Power off the instrument.
2. Use compressed air to remove the debris from the fans.

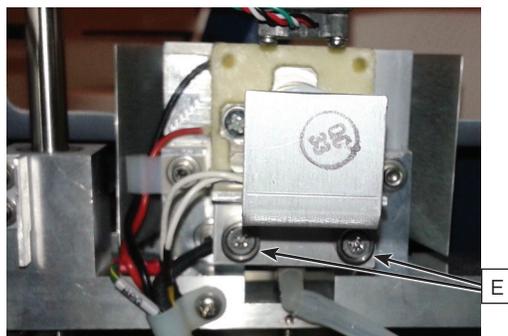


Six-month maintenance routine - solenoid

1. Remove the four screws indicated [D] on the rear panel.



2. Loosen the two solenoid bracket screws [E] and carefully remove the plunger [F] and spring.



3. If the plunger shows signs of fouling, wipe it with a lint-free cloth dampened with isopropyl alcohol or cleaning solution for protein removal¹.
4. Reinstall the plunger and spring, the solenoid bracket, and the rear panel.

Yearly maintenance routine - instrument exterior

- Use a mixture of warm water and soap. A mixture of isopropyl alcohol may also be used to further decontaminate the exterior.
- Do not use abrasive cleansers or scouring pads, as they may damage the surface.
- Do not allow liquid to enter the cooling chamber or other portions of the instrument.

ADVANCED
INSTRUMENTS

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¹ Such as Thermo Scientific Orion Cleaning Solution (part number 900021)