

# Replacement Procedure 222140PM

## OsmoTECH® PRO Sample Probe

### Scope

This document describes how to replace the sample probe (p/n 222140R) on the OsmoTECH® PRO Multi-Sample Micro-Osmometer. It is intended for use in conjunction with service procedures that require access to the OsmoTECH PRO interior.

### Parts and materials required

Replacement part 222140R

### Related documents

*OsmoTECH PRO Service Guide (p/n 222006EN)*

### Safety notices



**WARNING:** Hazardous Voltage. Power cord must be disconnected to prevent electrical shock.



**NOTICE:** Internal components may be damaged by static electricity. A static grounding wrist strap must be worn during this procedure.



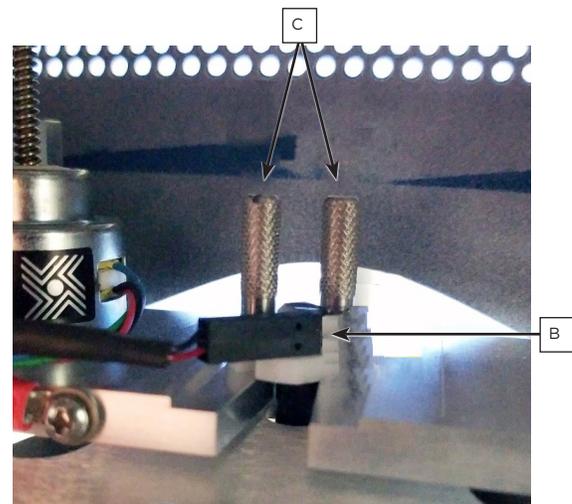
**NOTICE:** Improper connections may cause damage to the instrument.

### Removing the sample probe

1. Remove the four screws [A] securing the rear enclosure and set the screws aside.



2. Slide the rear and side enclosure off of the instrument.
3. Unplug the connector [B] from sample probe
4. Remove the two thumbscrews [C] from the sample probe.



5. Lift sample probe free of the instrument.



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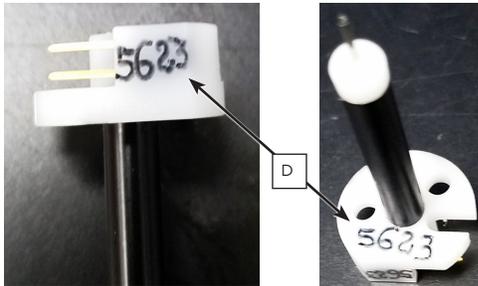
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## Replacing the sample probe

1. Write down the four-digit resistance value [D] marked in two places on the new sample probe.

You need to enter this value after you replace the sample probe.



See [Removing the sample probe](#) for remaining images and callouts.

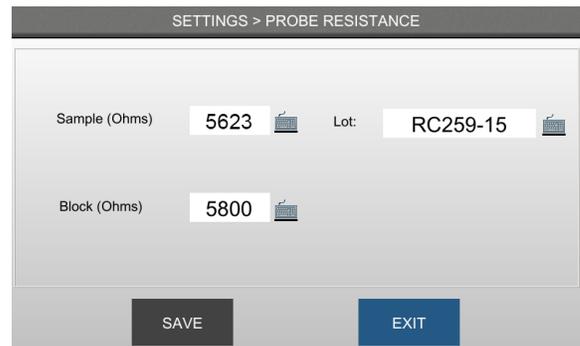
2. Slide the new probe into the platform and secure it with the two thumbscrews [C].
3. Attach the sample probe cable connector [B] to the sample probe.  
It does not matter which side of the connector faces up.
4. Slide the rear and side enclosure onto the instrument.
5. Secure the rear and side enclosure with the four screws [A].
6. Connect the power cord and power on the instrument.

## Entering the sample probe resistance

Do not change the probe resistance setting unless you are replacing the sample probe or block probe.

**NOTE:** If you change the sample or block probe resistance, you must recalibrate the instrument.

1. From the Home screen, press > **SETTINGS** > **PROBE RESISTANCE**.
2. Log into your account.
3. Press next to **Sample (Ohms)** and enter the sample probe resistance you wrote down when replacing the probe.



4. Optional: Press next to **Lot** and enter the lot number of the new probe.
5. Press **SAVE** and then press **EXIT**.
6. Press to return to the Home screen.
7. Calibrate the instrument (refer to *Calibration* in the service guide).