

## Product Improvements

Document	Part Update – MicroPurge® MP25T Flow Cell	Date: 03/06/2023
Model	MP25T	Page: 1 of 4
Serial Numbers	ALL	
Description	O-Ring Replacement Kit	
Part Number	42021	

### Summary:

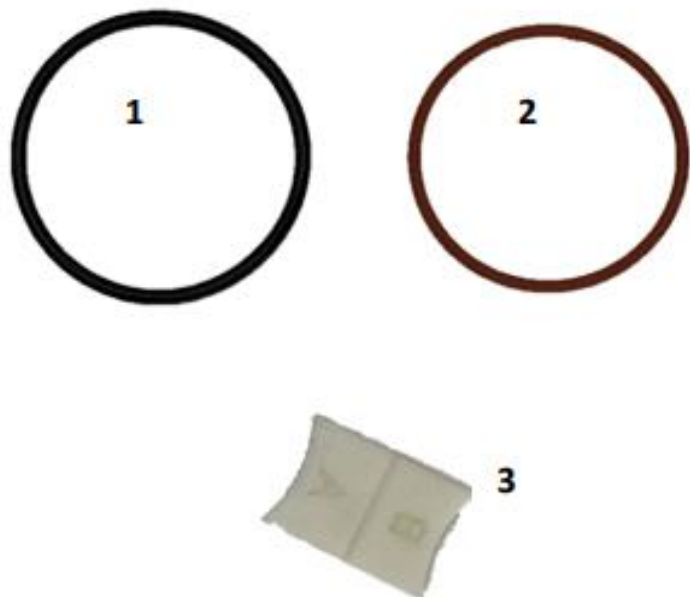
The bottom cap on the MicroPurge MP25T purge water analyzer has bayonet pins on the lower end of the probe body where the storage/calibration cup and the flow cell cup are attached. This bottom cap design has undergone some design changes to improve the sealing against the cups, which required changing to a different O-ring size. This difference is very subtle and not easily noticed. To prevent using the wrong O-ring on your MP25T and possibly creating a leak, QED Engineering has created a new O-ring kit that works with both version of the MP25T. The kit contains the two different O-ring sizes and a simple go/no-go gauge to identify the correct O-ring to use.

### Part Update:

The MicroPurge® MP25T Flow Cell System has two versions that use slightly different O-rings on the housing where it seals against the storage/calibration cup and the flow cell cup. Part Number 42021 includes an O-ring gauge tool to determine which O-ring to use.

#### Kit Contains

1. 42176 – (-228) Buna-N O-ring (Black)
2. 42175 – (-928) Viton O-ring (Brown)
3. 42192 – MP25T O-Ring Gauge



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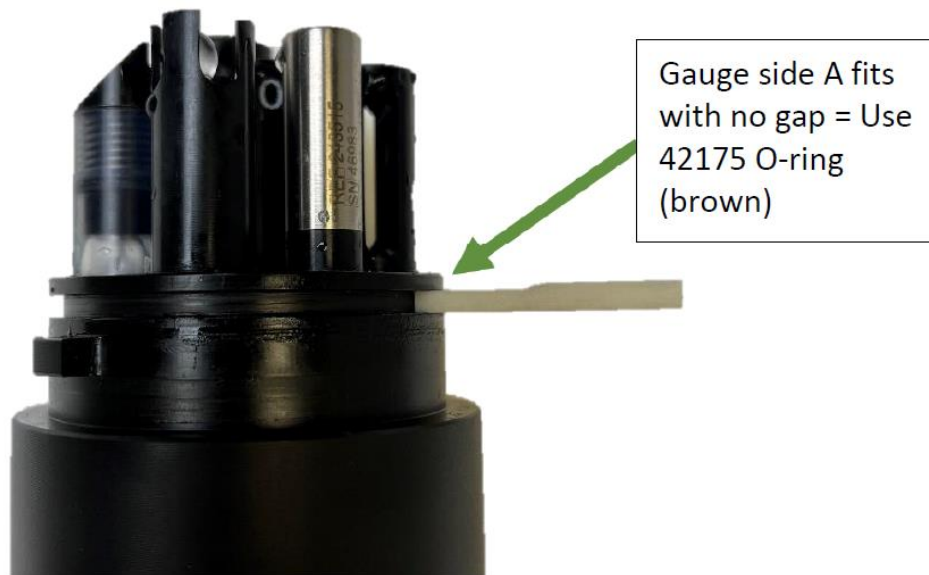
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### Instructions:

1. Remove current O-ring.
2. Clean any grease or debris out of O-ring groove.
3. Insert MP25T O-ring Gauge into O-ring groove starting with side A of the gauge.

### (Picture A)

If side A fits with no gap between the gauge and either side of the O-ring groove, then install the 42175 O-ring (brown in color).



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### Instructions: (Continued)

If side A has a gap, insert side B into the groove to confirm fitment and install the 42176 O-ring (black in color).



4. Apply a small amount of silicone grease to the O-ring surface before replacing the storage cup or flow cell cup.

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### **Units Sold Before 03/01/2023:**

If you've noticed any leaks on your MP25T during storage or flow cell use, QED will send you the new O-ring kit, Part Number 42021, at no charge.

### **Additional Support:**

To request the 42021 O-ring kit or if you have any additional questions please contact our Technical support team at [service@qedenv.com](mailto:service@qedenv.com) or call us at 800-624-2026 or +1-734-995-2547 and select option 2 for Service.