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Leak & High Pressure Checks - VPX

4. LEAK TEST

If the results are not within the tolerance band, a leak may be the cause for this. The Pgas value can give an indication, whether there is a leak or whether there has been filled not enough sample into the measuring chamber. The Pgas value should be below 5kPa for a non cooled sample, for a cooled sample it should be below 7kPa.

To check whether there is a leak in the measuring chamber do the following:

Rinse the MINIVAP VPXpert at least 2 times with ACETONE or TOLUENE. To do so connect a tube to the Inlet of the MINIVAP VPXpert and put the loose end in a bottle filled with one of the mentioned samples above.

In the start - up menu place the cursor at **Rinsing** and press  to perform the rinsing.

***Note: Make sure cell is clean and any residual sample has been removed.**

****Always perform Vacuum & Leak Checks @stable temperature to prevent false/positive result.**

*****Complete detailed steps/procedure found in service manual pages 41-49.**