

## Ampoule/Blister Pack Test Kit for Model 905V O<sub>2</sub> Analyzer



### Overview

This test kit accessory for the Model 905V allows the user to test residual O<sub>2</sub> levels in gas-flushed (N<sub>2</sub> purged) ampoules and blister pack pharmaceutical preparations. These are typically low volume and difficult to sample and analyze with traditional laboratory methods. In the case of glass ampoules, the sample must be broken to access the headspace gas within. Contamination of the sample gas with air is difficult to avoid.

With this test kit, samples are contained underwater and broken or punctured to release the fill gas, which is collected with the specially designed sample collection funnel (SCF) and directed to the top of the tube. The sample is then accessed through the rubber seal with the Model 905V sample probe, and analyzed with the Model 905V analyzer.


Air contamination must be avoided to obtain accurate results. The glass surfaces are specially treated to avoid adherence of gas bubbles. The Teflon stopcock is selected to provide an inert surface for the on-off stopcock valve.

After collection of the sample, the stopcock can be closed and the SCF removed from the bucket to perform the analysis with the Model 905V.

## **Sample Collection Funnel Design**



### ***Technical Specifications***

<b>SCF Dimensions</b>	170 mm length; 55 mm funnel width; glass tube 10 mm OD X 7 mm ID
<b>SCF material</b>	Specially treated Pyrex glass + PTFE stopcock
<b>Test Kit Components</b>	SCF; water bucket; SS hold-down ring; glass breakage pliers; SS puncture rod; syringe; laboratory stand with clamp;
<b>Bucket Size</b>	10X10X12 inches
<b>Shipping Weight</b>	2 lb. (0.9 Kg)
<b>Warranty</b>	2 years, parts and labor
<b>Standards</b>	CE  ROHS
<b>Consumables</b>	Rubber stopper, 7 mm ID
<b>Origin of Goods</b>	Our products are manufactured in the U.S.A.



Quantek Instruments  
183 Magill Drive Grafton, MA 01519  
[sales@quantekinstruments.com](mailto:sales@quantekinstruments.com)  
<http://www.quantekinstruments.com/>