

LACO TECHNOLOGIES

HELIUM SNIFFER PROBES

USER GUIDE

OVERVIEW

- When using a helium sniffer probe to test pressurized components or system, ensure that there are no gross leaks in the system prior to pressurizing. Gross leaks will allow the surrounding air (or background) to become contaminated with helium, which lowers the sensitivity of the leak test.
- When venting helium from a pressurized test part, do not vent in the same area where the testing is performed. This will contaminate the surrounding air with helium.
- When the ambient air is contaminated with helium, a large fan can be used to exhaust the test area and provide clean air.
- When sniffing a part with multiple potential leak locations, always begin sniffing near the bottom of the part and work towards the top. It may be necessary to repair leaks that are found before proceeding. Helium escaping from the part will rise and can give a misleading leak location.

PROCEDURE

1. Connect Sniffer probe to Sniffer Test Port for the leak detector you are using. For Alcatel leak detectors, the sniffer port is located in the rear. (Refer to the leak detector user manual for instructions.)
2. Sniff leak test per the leak detector user manual instructions.
3. While testing, do not plug or contaminant the sniffer probe tip. If the probe becomes plugged or dirty, remove the clear tube and filter assembly from the tip. Replace with a spare unit supplied with the sniffer probe. Slide the clear tube over the stainless steel tube so the filter rests on the loop on the end of the probe tip.



USE OF PROBE TIPS

The sniffer probe tip uses vacuum which can pull oil, grease and other contaminants into the line that may be harmful to the sniffer probe and leak detector. Make sure the probe tip does not get plugged.

CAUTION



Follow precautions to ensure safe operation.

- Do not allow moisture to be drawn into the probe.
- Do not inhale helium gas. Helium is non-toxic, but may cause suffocation. Lack of sufficient oxygen can cause serious injury or death. Refer to Material Safety Data Sheet.



SPARE PARTS LIST

PART NUMBER	DESCRIPTION
LMSA92097	Tip Filter Assembly
LMSA92125	Tip Replacement Assembly



Contact
LACO Technologies
for assistance.