

MODEL 3880 LEAK TEST KIT for Sealed Radioactive Sources

INTRODUCTION

The **Troxler Model 3880 Leak Test Kit** is designed for performing wipe tests of radioactive sealed sources or devices. The kit contains materials to perform four tests.

To purchase additional kits, order Troxler part number 102876.0005. The price of the leak test kit includes sample analysis and reporting.

Troxler is authorized to perform leak test sample analysis under North Carolina license number 032-0182-1.

SAFETY

Always follow good radiation safety practices when working around or handling radioactive sources to keep your radiation exposure ALARA (as low as reasonably achievable).

- ◆ Do not touch a bare radioactive source directly with your hands as this could result in a high radiation exposure.
- ◆ Perform the leak test of sources or devices as quickly as practical to limit the exposure rate.



Troxler Electronic Laboratories, Inc.

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LEAK TEST PROCEDURE

1. Record the sample information on the front of the folder containing the cloth patch. **Please write legibly.**
2. Open the folder exposing the cloth patch.

NOTE

Do not remove the patch from the paper.

3. Holding the folder with your fingers or tongs, wipe the cloth patch on the surfaces of the device or device holder that are nearest to the source. Refer to the device user's manual for the recommended wipe locations.
4. Close the folder with the cloth patch and place it in the zip-lock plastic bag.
5. Fill out the leak test sample form in full. **Please write legibly using a ball point pen.** Retain the customer copy for your records.
6. Place the leak test form and sample in the envelope provided and mail to Troxler.

ANALYSIS OF SAMPLES

Troxler will process your leak test samples promptly upon receipt (usually within one business day) and mail you the test results.

If the analysis indicates radioactivity amounts greater than 0.005 μCi (200 Bq), we will notify you immediately by phone. You should immediately cease using the source or device and notify your radioactive material licensing agency.

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PRINTING SPECIFICATIONS

Note: DO NOT print this page.

This document, PN 102869, is to be printed double-sided on:

Original Size: 8-1/2 x 11
Color: Goldenrod
Weight: 20 weight

The document is printed as three-up. After printing, cut into thirds for a final size of 3-2/3 x 8-1/2.

Note: All dimensions in inches.