



# Operating Instructions

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## Field Cassette Leak Tester Cat. No. 225-8531

The Field Cassette Leak Tester comes with ¼-inch tubing and Luer adapter for attachment to SKC filter cassettes.

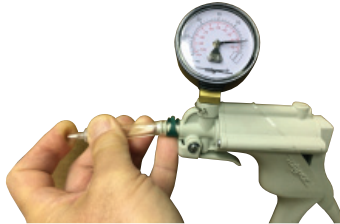


Figure 1.

1. Check the leak tester for internal valve leaks before using it on a cassette to ensure that the test will be valid. Block the end of the Luer adapter and pump the handle until the gauge reads 5 inHg. *See Figure 1.*
  - a. **If the needle on the gauge holds steady at 5 inHg**, proceed to Step 2.
  - b. **If the needle on the gauge moves toward zero**, the internal umbrella valve is allowing air to pass by the exhaust valve, so cassettes cannot be evaluated accurately.

2. Check a cassette for leakage.
  - a. Insert the Luer adapter at the end of the tubing on the leak tester into the cassette outlet.
  - b. Block the cassette inlet with the cassette inlet plug or using another method. *See Figure 2.*
  - c. Pump the leak tester handle until the gauge indicates 5 inHg. A steady reading indicates no leakage. If the needle on the gauge moves toward zero, the cassette may have a leak. **Note:** *If a cassette indicates a leak with the plug installed, use another method of blocking the inlet and repeat b and c.*



Figure 2.

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