



Setting the standards for today and tomorrow

RSC Calibrator for Refrigerant Leak Detectors

Overview

VTI's new RSC Sniffer Calibrator is easier to operate, works for years without clogging or refilling and is a fraction of the price of other Refrigerant Leak Standards.

The sensitivity of a leak detector should ideally be checked each time it is used or, at least, at the beginning and end of each shift to verify that it is operating properly. The RSC allows this without risk of overloading the sensor (prolonging sensor life), checks the sensitivity of the sensor and allows the user to gauge the best probe 'scan speed' when looking for leaks.

The RSC is calibrated by VTI's A2LA Accredited calibration laboratory and is available both with and without NIST-Traceable documentation depending upon your requirements.

The RSC has several user-friendly features that make it exceptional value. The lifetime supply of R134a will not require adjustment or refilling by the user. It features a permeation type leak element that is not susceptible to the plugging problems that can occur with the capillary leak elements commonly used in refrigerant leak standards. The RSC leak standard has a low temperature coefficient of only 0.6%/°F and it has a 1/4" I.D. recess with a tapered bottom to accept a variety of sniffer probes for repeatable results and 100% gas collection.

The leak rate is expressed in ounces per year, other units upon request. Five standard sizes are available 0.1, 0.25, 0.5, 1.0, and 2.0 oz/yr.



Specifications

Standard Leak Rates (Manufacturing Variance)

0.1 oz/yr :	(.04 to 0.1 oz/yr)	(1 to 3 g/yr)
0.25 oz/yr :	(0.1 to 0.25 oz/yr)	(3 to 7 g/yr)
0.5 oz/yr :	(0.25 to 0.5 oz/yr)	(7 to 14 g/yr)
1.0 oz/yr :	(0.5 to 1.0 oz/yr)	(14 to 28 g/yr)
2.0 oz/yr :	(1.0 to 3.0 oz/yr)	(28 to 85 g/yr)

Actual Calibrated Rate is provided with each unit.

Refrigerant

R134a - 12 oz charge

Temperature Coefficient

0.6% / degree F

Leak Element Type

Permeation with pin-point gas source

Dimensions

Length 5.6" Diameter 2.9"

Weight

20 oz

Ordering Information

Size	Part Number
0.1 oz	: RSC-0.1OZ-R134A
0.25 oz	: RSC-0.25OZ-R134A
0.5 oz	: RSC-0.5OZ-R134A
1.0 oz	: RSC-1.0OZ-R134A
2.0 oz	: RSC-2.0OZ-R134A

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