

MENTOR

PORTABLE REFRIGERANT IDENTIFIER FOR R-1234YF AND R-134A



FEATURES

- Accurately analyses R-1234yf and R-134a purity
- Identifies R-1234yf, R-134a, R-12, R-22 and HC as contaminants
- Designed to meet SAE standards
- Provides VDA and SAE output
- Five year oxygen sensor
- Minimal loss of refrigerant during test
- Robust case with integral carrying handle
- Contaminant resistant numeric keypad
- LCD graphics display
- USB communications

MENTOR INSTRUMENT KIT

Supplied with custom designed carrying case and the following accessories:

- Vehicle A/C connectors
- R-1234yf and R-134a sample hose, service couplers and cylinder adapters
- Battery charger
- Optional Bluetooth printer & charger

The 'Mentor' Portable Automotive Refrigerant Identifier provides simple and accurate refrigerant analysis. The Mentor is a user-friendly, cost effective R-1234yf and R-134a refrigerant purity analyzer designed with state-of-the-art non-dispersive infrared (NDIR) technology for the identification of refrigerant gases in automotive air-conditioning systems. The Mentor has been developed with over 30 years of experience in the design and production of safety critical gas analysis systems recognized globally as the best in the market for accuracy and quality.



SPECIFICATIONS

Refrigerants and other vapours identified	R1234yf and R134a
Design standard	SAE J2912
Sample type	Vapour only
Sample volume	Less than 5 grams per test
Operating temperature range	+10°C to +49°C
Sensor type	NDIR – Non-Dispersive Infrared
Operating time on fully charged battery	8 hours minimum or approximately 200 tests
Expected oxygen sensor lifetime	5 years
Test cycle time (purge + test)	Typically, 140 seconds
Communication portal	USB 3.0
Printer communication	Bluetooth 4.2
Stored test results capability	50 tests
Weight	1.4 kg (3.1 lb)
Approvals	CE, EMC

REFRIGERANTS IDENTIFIED

R-1234yf, R-134a, R-12, R-22 and Hydrocarbons (propane, butane or isobutane) as contaminants.

- Displays each type of refrigerant as % by weight
- Displays amount of air in the system
- Long battery operation 8 hours or 200 tests

Up to 50 test results can be stored by vehicle registration or VIN. The USB connection together with the Automotive Refrigerant Configurator PC app can be used for software updates, sensor calibrations and simulating connection to a refrigerant recycling station.

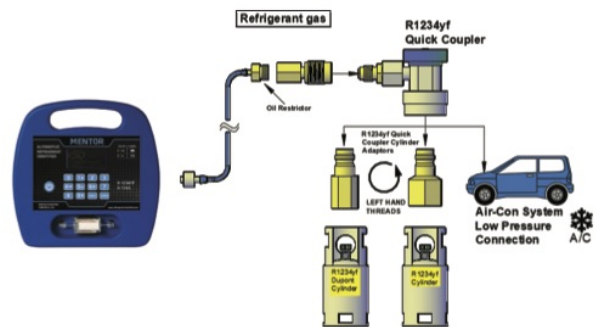


Mentor bluetooth printer (optional)

ORDERING INFORMATION

SS980	Mentor (no kit/carrying case)
SS980-KIT	Mentor Kit (with printer)
SS980-KIT-NP	Mentor Kit (without printer)

TYPICAL SYSTEM SETUP



Contact:

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