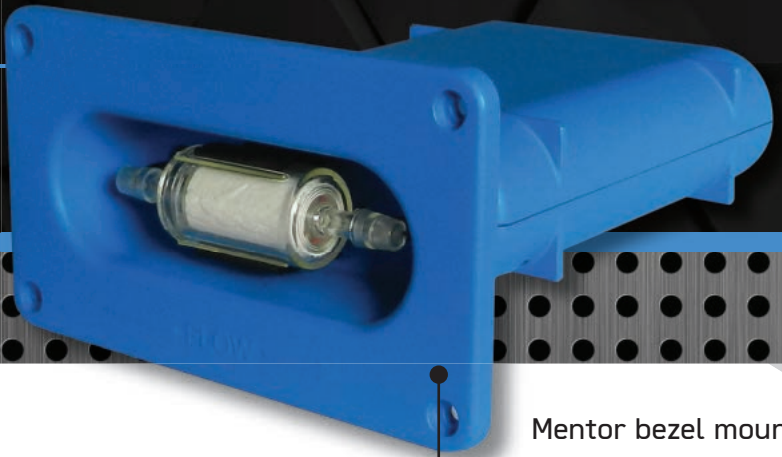


# MENTOR

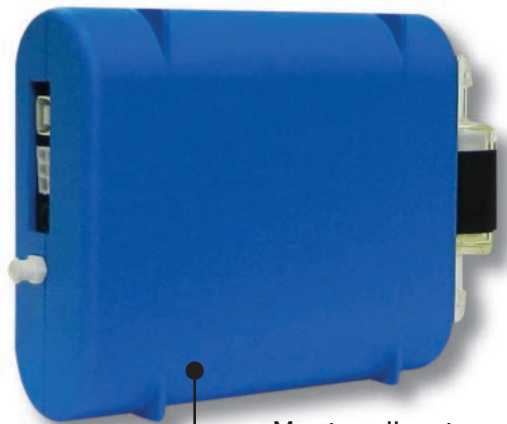
## REFRIGERANT IDENTIFIER OEM INTERNAL VERSION



Mentor bezel mount  
internal unit

### FEATURES

- Accurately analyses R1234yf and R134a purity
- Identifies R1234yf, R134a, R12, R22 and HC as contaminants
- Designed to meet SAE standards
- PC software allows for simple setting to VDA or SAE mode
- Five year oxygen sensor
- Replaceable Oil Contamination indicator in front panel
- Minimal loss of refrigerant during test
- USB or RS232 communications



Mentor direct mount  
internal unit



The 'Mentor' Automotive Refrigerant Identifier utilizes state-of-the-art NDIR (Non-Dispersive Infrared) 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.

2019-10

### SPECIFICATIONS

Refrigerants and other vapours identified	R1234yf and R134a
Design standard	SAE J2912
Sample type	Vapour only
Sample weight	Less than 5 grams per test
Operating temperature range	+10°C to +49°C
Sensor type	NDIR – Non-Dispersive Infrared
Sensor stabilization time	2 minutes after power on
Expected air sensor lifetime	5 years
Test cycle time (purge + test)	Typically, 140 seconds
Communication portal	USB 3.0 and RS232
Stored test results capability	5 tests
Weight	0.6 kg (1.3 lb)

### TEST RESULTS

The USB / RS232 connection can be used to transfer the test results to air conditioning recovery machines, and may also be used together with the Automotive Refrigerant Configurator PC app for software updates, sensor calibrations and simulating connection to a refrigerant recycling station.

### 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
- Up to 5 test results can be stored

### ORDERING INFORMATION

SS981	Mentor Fixed Refrigerant Identifier – Bezel Mount Version
SS982	Mentor Fixed Refrigerant Identifier – Direct Mount Version

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