

Don't blow \$\$\$ - Blow smoke!

The car is experiencing unstable idling, poor drivability, bad fuel economy, etc.

Yet a scan tool finds "NO DTC" and a tune scope doesn't give you any clue.

How frustrating!

Definitely it's time to consider a leak.

Do not hesitate to give it a try with Haratech's Leak Detector.

It will help you pin point the exact leaking location in a few minutes:

Work efficiently.

Be cost Effective.

Save hours of wasted labor time.

Haratech, a brand leading high-tech diagnostic equipment manufacturer, has added the leak detector to its range of world famous diagnostic products. This quality product offers you a low tech / high tech solution with great new features.

It represents fantastic value for money and will give you cost and labor time savings for years to come.

Remember. The only way to start your diagnostics is back to basics.

LEAK DETECTOR



FEATURES

- *Advanced CPU controlled operation*
- *Double Solenoid action for completely sealed smoke generation and delivery system*
- *Patented adjustable pressure control*
- *12V vehicle battery power operation*
- *Cable remote controller*
- *Automatic Power Off*

Practical Applications

- Vacuum Leaks: hoses, gaskets, valves, diaphragms, choke pull-offs, heated air intake control and diaphragm systems, EGR hoses, and controls.
- Exhaust Leaks: manifold cracks, EGR valve feed tubes and passages, exhaust pipes, catalytic converter, muffler, heat control valves, and crossover passages.
- Plus: Injector system leaks, evaporator control system leaks, oil leaks, under dash vacuum leaks, brake booster system leaks, head gasket leaks, cylinder leakage, air and water leaks, turbo/super charger system leaks and component replacements test prior to installation.

Great features that only Hanatech's Leak Detector Offers

• Variable Pressure Control

A great new feature - excessive or insufficient smoke pressure may result in incorrect diagnosis or even result in damage to a system. The Leak Detector's variable pressure control allows you the freedom to adjust the pressure level a the turn of a knob. Adjust the pressure to suit the application and the high quality gauge will lead you in the right direction to quickly find the leak. Remember, low pressure smoke cannot always find the leak.



• Check Valve Quick Release

Check valve is a pressure regulating device that releases smoke when the pressure exceeds a preset amount. Most of conventional smoke testers use non-toxic smoke liquids, and its smoke turns into sticky liquid form and accumulate inside the valve when the machine cools down after operation. This may result in malfunction of the valve or even may block the valve.

Safety and performance is our goal and the Check Valve Quick Release is a performance enhancing feature that guarantees every test remains the same at all temperatures.

Simply lift the pressure regulator knob and release, and test results are the same hot or cold.



• High Tech Electronic Control

Utilising Hanatech's electronic diagnostic experience, Leak Detector offers you the latest in CPU design and less moving parts and increased durability.

Soft touch membrane keypad, electronically controlled three stage heating circuit and accurate heating controls offer you reliability, quality and strength that other brands can't. Hanatech Leak Detector ensures you safety and peace in mind, our automatic electronic power controls ensure that unintended power-on is never an issue, and the automatic smart control simply powers down when not in use.



• Double Solenoid Action

It must be frustrating if the smoke flows back into the machine while you are searching for a leak after stopping the compressor. Hanatech Leak Detector has two solenoids in the smoke delivery system, and these devices block any reverse flow of smoke into the machine when the compressor is not running. You can even check if there is an invisible tiny pin-hole leak by observing the dropping of the pressure gauge needle.



Parts and Components



Specifications

Height-Width-Depth(mm)	460-300-200
Net Weight	12.5kg
Shipping Weight	15kg
Smoke Delivery Hose	4meters
Remote Control Cable	3meters
Power Supply cable	4meters
Supply Volume	13 Liter/min
Supply Pressure	Adjustable 1.5-2.0psi (0.1-1.5kg/cm ²)
Power Supply	12 volt DC
Power Consumption	3.5 Amps
Operating Temperature	0 °C ~40 °C