

Your Choice Is Clear... Smoke Wizard!™ The Best Choice for Diagnostic Smoke!

	Smoke Pro Total-Tech™	Smoke Wizard™	Related Comments:	
List Price	\$1,095.00	\$1,142.00		
Manufacturer/Licensors	Redline Detection	Global Leak Detection		
Capabilities				
General Purpose Tests Test and locate leaks in Exhaust, Intake and many other systems.	✓	✓	The Smoke Wizard with the UV dye can find internal engine leaks that a smoke machine with "smoke only", like the smoke Pro, can't find.	
EVAP System Tests¹ Test and locate leaks in the vehicle's fuel vapor recovery system.	✓ ¹	✓	You can use the 'Smoke Pro' for checking EVAP systems if you want to risk the potential hazards of adding oxygen to the system. The Smoke Wizard's <i>advanced</i> technology allows it to be used with shop air, or inert gas for safer EVAP testing.	
Leak Down Test (Pressure Decay) Diagnose small leaks and confirm that a repair is complete.	✓	✓	The Smoke Wizard does both pressure & vacuum decay. Smoke Pro's outdated design can't do vacuum decay, required for natural vacuum decay testing. Note, systems that self-test with Vacuum: Chrysler, Ford, General Motors, Toyota and many others.	
Variable Smoke Flow Pinpoint the exact leak location.	✓	✓	The Smoke Wizard's easy to read <i>directional</i> knob tells you exactly the flow position. Smoke Pro's <i>round</i> knob makes it impossible to tell where you're at.	
Diagnose Systems Without Smoke	✓	✓	In addition, Smoke Wizard can diagnose using vacuum-decay and dye.	
Features				
Test Pressure Gauge	✓	✓	Smoke Wizard includes a better quality combination Pressure / Vacuum gauge.	
Flowmeter	✓	✓	Smoke Wizard's meter is full size & can measure a .010", like Chrysler now requires.	
Complete Accessory Kit	✓	✓	Smoke Wizard includes a UV light. Oops, a UV light won't do Smoke Pro any good.	
Compact Design	✓	✓	Smoke Wizard can be laid in a drawer. Redline doesn't want you tipping theirs over.	
Technology				
Heating Element	Glowplug		✓	Smoke Wizard uses 10-Year Warranty advanced BOSCH Glow Plug Heater design with advanced microprocessor controller.
	Resistance Wire²	✓		Smoke Pro uses outdated 'resistance wire' heater, first introduced in 1994 Vacutec ' <i>general purpose</i> ' smoke machines.
Computerized Temperature Control	✓	✓	Smoke Wizard uses a much more advance computer control processor.	
Smoke Solution Chemistry (Base Material)	Mineral Oil	Mineral Oil	It's true; the " <i>base</i> " material of both is <i>mineral</i> . But Smoke Wizard's solution is much more! Its Patented UltraTraceUV® is highly refined, has Dye and is approved by every OEM using smoke today ⁴ . There isn't an OEM in the world that has approved 'baby oil'.	
Smoke Solution Cost (Per Bottle)	\$14.99 ³	\$69.95	It's about 5-cents per test more expensive to use the proper solution, when you consider Smoke Pro gets about 100 tests ³ and Smoke Wizard over 300. \$14.95 for cheap baby oil with a little fragrance sounds very expensive to me.	
Must Use Manufacturer's Smoke Solution Only			Smoke Wizard doesn't say you <i>must</i> use our solution. Heck, you can even use baby oil, but we don't know why you'd want to. Have you ever smelled baby oil after just a few uses in smoke machine? It STINKS! Baby oil is not formulated for repeated heating and vaporization into smoke.	
Requires Regular Smoke Solution Changes				
Smoke Solution Contains A Dye⁴		✓		
Will not damage vehicle components or void factory	?	✓	The jury is out on this one. We've yet to see report from reputable lab for 'baby oil'. There must be a reason no automaker wants to use it. Don't they like saving \$\$?	
Smoke Wizard Additional Advanced Technology Features that Smoke Pro can only Dream About!				
Leak Down Test w/ Vacuum Decay		✓	Test the latest vehicles that use vacuum-decay onboard testing, such as: Chrysler, Ford, General Motors, Toyota and many others.	
Auto Shut Off Safety Solenoid		✓	Without this feature, gasoline fumes could exit the EVAP system and fill your work bay.	
Internal Filter/ Water Separator		✓	Protects machine & vehicle systems from contaminants. (Also keeps flow meter clean).	
Uses OEM-Approved Technology		✓	No OEM in the world approves of using Redline's products. I guess it is more than just the "STINK".	

Notes:

¹ We were generous to put a check mark on Redline's EVAP column, when you consider they don't have the technology required by OEMs for EVAP testing. They also don't comply with SAE papers.

² Not sure why Redline Detection claims an "Air Safe" design since their machine delivers air with oxygen into the EVAP system. Tack on the fact they lack an auto shut off safety solenoid.

³ As quoted on Redline Detection website.

⁴ The only OEM that doesn't like to use any kind of dye, in any vehicle system, is Toyota. For them, we have the approved solution without dye. Toyota does not approve the use of 'baby oil'.