Diagnostic Expert Seeking Great Price for Superior Smoke Machine?

Leak Detector/ EVAP Smoke Machine

$C\,\epsilon$

EELD100A

Features and Benefits

- **Find Leaks** – Contains Diagnostic Smoke® technology for EVAP testing and general purpose applications.

- **Necessity** – 8 of the top 10 Emission DTC codes can be diagnosed with this unit.

- **Patented UltraTraceUV®** non-contaminating dye solution pinpoints leaks smoke alone cant.

- Smoke solution **does not produce an unpleasant odor** in the shop.

- **Combo LED and UV light** in one, plus special glasses are included.

**Technical Support
800-901-1988**

$C\,\epsilon$ – DE, ES, FR, IT, GB, NL

Country of Origin – Assembled in USA of Global Components

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Snap-on

EELD100A

More Features and Benefits

- **Variable Flow Control** manually reduce flow to help pinpoint the exact location of a leak.

- Conveniently functions with **OEM specified nitrogen**, portable CO2 bottle or shop air.

- **OEM approved** smoke technology.

- **Product Support** – 2 year warranty and once registered technical support at **800-901-1988.**

- Unit ships with enough smoke solution to **perform 200 tests** – EELD500-1*.

- **Convenient hanger** for under car and under hood use.

- **Lightweight and compact** stores in large bottom roll cab drawer or hang with optional cover to protect from shop dirt and dust.

- **Patents** 6,526,808   6,439,031   6,392,227

*Customer please fill canister prior to first use.

Applications

- Air cleaner assembly
- Air ducts
- Air valves
- Cylinder heads
- Diaphragms
- EGR valve
- EVAP
- Exhaust manifolds
- Exhaust pipes and mufflers
- Fuel Tank Pressure Sensor
- Intercooler
- Intake gaskets
- Injector o-rings
- Loose clamps
- MAP sensors
- Mass air flow meter
- Oil leaks
- PCV valve and hoses
- Throttle body shaft
- Turbos
- Vacuum hoses
- Vacuum switches
- Wind and water

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Included Components

EELD500-1	8 oz. Bottle UltraTrace**UV**® dye solution
EELD301A2	Assorted Cap Plug Kit
EELD301A3	Exhaust Cone (1" to 3.5" DIA, 6"L)
EELD301A4	Smoke Diffuser
EELD100-4	Combination UV light and Glasses
EELD302A2	EVAP service port fitting
EELD302A4	Schrader removal/install tool
EELD100A-Z	User manual in 7 languages

Optional Accessories

EELD500C02	C02 Bottle and Regulator*
EELD500CVR	Protective Cover
EELD500-1	Additional 8 oz. Bottle of Solution
EELDGASCAP	Gas Cap Adaptor (3 pack)
EELDGASBMW	1 Gas Cap Adaptor BMW
EELD100A-3	Smoke Hose Extension w/Nozzle
EELD100A-4	Tee Connector w/ Delrin® nozzle

Specifications

Power Consumption	12 volt dc, 25 amps
Supply Volume	10 liters per minute
Line Length Smoke Hose ft. (mm)	96" (244 cm)
Line Length Power Supply ft. (mm)	96" (244 cm)
Weight lbs (Kg)	11.5 lbs. (5.25 kg)
Dimensions Inches (mm)	12" w 9" d x 12" h (31cm w x 23 cm d x 31cm h)
Maximum Pressure Input	170 PSI
Power Supply	12 VDC

EELD500CVR

EELDGASCAP1

*EELD500C02 is a BA item, ships empty & needs to be filled at Hardware Store.

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EELD100A

EELD500

Comparison on Page 5

⚠️ **WARNINGS**

•Wear safety goggles. (User and bystanders)

•Do not use in environment with explosive vapor.

•Use only in well ventilated area.

•Read additional safety precautions on pages 594 to 597 in product catalog CAT1100.

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Feature Comparison

#	Feature	500	100A
1	**Uses Diagnostic Smoke® vapor technology** developed in collaboration with Ford Motor Co., GM, Daimler Chrysler and approved by most major OEMs.	X	X
2	**Patented non-contaminating UltraTraceUV® dye solution pinpoints the leak** The only dye solution mandated by most major OEM's. Will not harm activated charcoal canister, ORVR valve, purge valves, catalytic converters, O2 sensors, seals or gaskets and determined not to void vehicle factory warranty.	X	X
3	**The only Patented technology (STAR) that meets specifications** when OEMs require nitrogen for safer EVAP system testing.	X	X
4	**Designed with an electronic Safety Valve** that automatically shuts off air flow into the vehicle's EVAP system when the machine turns off. This stops gasoline fumes from exiting the EVAP system and filling your work bay.	X	X
5	**TECH LINE Supported 800-901-1988** for end user to help with any and all EVAP problems.	X	X
6	**Vacuum / Pressure Gauge** for vacuum / pressure decay.	X	X
7	**Convenient Hanger with fold down handle** for hanging under car or under hood and easy storage in tool box.	X	X
8	**Ability to read and display leak size of .010".**	X	X
9	**10 –Year Warranty On Bosch Glow Plug** a reliable heating system that lasts much longer than fiberglass wick-style units.	X	X
10	**Variable Flow Control** manually reduces flow to help pinpoint the exact location of a leak.		X
11	**2 – Year warranty.**		X
12	**3 – Year warranty** is an industry leading protection for our customers.	X	
13	**Low Flow Pulsating Mode** automatically adjusts flow to optimal setting to help find small leaks.	X	
14	**One Touch EVAP Testing** with automatic pass or fail.	X	
15	**Vacuum Port Adapter** can apply hand vacuum pump for testing Fuel tank Pressure Sensors, Chrysler ESIM & NVLD systems. Also gives you dual smoke hose capability.	X	
16	**100% Portable** to work off site, or anywhere outside of work bay area with optional Snap-on power tool battery and CO2 kit.	X	
17	**Computerized Digital Display** down to .001" means you're prepared for any industry leak standard changes.	X	
18	**Computerized Digital Display Reading Flow in Liters per Minute** to make sure factory specs are met.	X	
19	**Computerized Digital Display Reading Pressure / Vacuum in H2O** to compare to FTP Sensor for in-depth diagnostic ability.	X	
20	**Sleep Mode with Memory** retains test results if machine shuts down after 5 minutes.	X	
21	**Option of using** vehicle battery or 12 Volt, 14.4 volt NiCad ,18 volt NiCad or Lithium Snap-on Cordless Batteries.	X	
22	**Cordless remote** no need to walk back and forth when doing a job.	X	
23	**Micro-processor touch pad** for quick and easy operation.	X	
24	**Ability to Choose Inert Gas at start up** for 100% accurate results. **Note: 12-24 = The only smoke machine in the world with all of these features.**	X	

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