



CANBUILT MFG. DIV. OF SAYCO DISTRIBUTORS LTD.

103 MILVAN DR. TORONTO, ONTARIO, CANADA M9L 1Z7

PH: (416) 749-6555 Toll Free: 1-888-607-2926 FAX: (416) 749-7597

Email: sales@canbuilt.com Web Site: www.canbuilt.com

EVA Pro DIAGNOSTIC SMOKE MACHINE

EVAP-approved Diagnostic Smoke Machine for EVAP and General Purpose Leak Detection

The Diagnostic Smoke Machine produces an OEM-approved vapor (smoke) from a specially formulated non-toxic, non-corrosive compound. The introduction of this smoke into a closed system in a vehicle will almost immediately pin-point any and all leaks — simply view the smoke exiting wherever there is a leak! In addition, you will see the fluorescent dye deposited at the leak. **And it's all accomplished safely with the engine off!**

- Full-featured design, the same technology chosen by all OEMs for EVAP testing
- Patented UltraTraceUV™ technology deposits a fluorescent dye at the exact location of the leaks and is the only dye approved by automakers
- Two-minute Pass / Fail feature verifies .040" or .020" leaks in OBD-II vehicles
- Will not void OEM factory warranty
- Smoke out OBD-II EVAP codes
- All accessories & Smoke solution included
- User refillable • 500 tests per refill
- A must tool for OBD-II EVAP testing & general purpose leak testing
- Nitrogen-based for safer EVAP testing which meets automaker test requirements & uses shop-air for general purpose leak testing
- Microprocessor technology



Model: EVP-2000E
EVAPro Smoke Machine

Re-order:
Smoke Solution:
Item # EVP-0716UV
(16 oz Approx. 500 tests)

Five Easy Steps to Leak Detection With Diagnostic Smoke

- (1) Connect the unit to the car battery
- (2) Plug smoke output hose into the system being tested for leaks
- (3) Seal off any openings in the system
- (4) Fill the system with diagnostic smoke
- (5) Visually inspect for smoke or dye at the point of leakage

Leaks your can trouble shoot with Diagnostic Smoke Technology:

- EVAP vent Valve
- Purge & Vent lines
- EVAP purge valves
- Charcoal Canister
- Crank case vent hose
- Fuel tank filler neck
- EVAP lines & O rings
- Fuel Tank sending unit
- Turbo / Intercooler
- Wind / Water leaks
- Climate control vacuum subsystems
- Oil Leaks
- Exhaust systems
- Injector O-rings
- Diaphragms
- Throttle Plate
- Air Valves
- Axle shaft seals
- Engine oil leaks
- Throttle body gaskets
- Throttle Body Shafts
- Air Ducts
- MAF sensor
- Vacuum leaks
- MAP sensors
- Under dash
- EGR valves
- Fuel Tank
- PVC Valve & hoses

QUALITY SHOP EQUIPMENT

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**Vacutec Diagnostic Smoke® Vapor Machines Comparison: -
EVP-2000E VS EVP-LD601**

| | | EVP-LD601 | EVP-2000E |
|-----------|---|------------------|----------------------------|
| 1 | 2-Year Warranty | X | X |
| 2 | Utilizes OEM-approved licensed / patented STAR technology; the only technology designed for and capable of being used with nitrogen for safer EVAP testing! This technology was also designed in collaboration with Ford, GM and DaimlerChrysler. | X | X |
| 3 | Patented UltraTraceUV® smoke solution deposits a fluorescent dye at the exact location of a leak and is the only dye approved by automakers. Safe to use without harming activated charcoal canister, ORVR valve, purge valves, catalytic converters, O2 sensors, seals or gaskets and determined not to void vehicle factory warranty. | X | X |
| 4 | Comes with Free additional refill of UltraTraceUV® smoke solution (good for about 2-years of testing). User refillable. | X | X |
| 5 | Operates with shop air for general purpose testing (vacuum, exhaust, wind & water leaks etc.) | X | X |
| 6 | Designed with an electronic Safety Valve that automatically shuts off air flow into the vehicle's EVAP system every time the machine turns off. This stops gasoline fumes from possibly continually exiting the EVAP system and filling your work bay. | X | X |
| 7 | Auto-correct EVAP pressure setting; not adjustable to avoid accidental over-pressure damage of vehicle. | X | X |
| 8 | Unit's system test pressure can be calibrated in the field, assuring test accuracy for many years to come. | X | X |
| 9 | Full range flow meter detects: gross (.080") small (.040") and very small (.020"). Capable of detecting leaks .005" and smaller. | X | X |
| 10 | Preset flow meter location to identify a .020" / .040" leak size. | X | |
| 11 | Same full-feature design as chosen by most OEMs, includes the following: Precise internal orifice calibration for .020" = 2000 vehicles and newer. Precise internal orifice calibration for .040" = 1999 vehicles and older. Built-in "Future" calibration up-gradable leak standard. Microprocessor sampling at 30-times per second. OEM test modes: Phase-one & Phase-two. | | X X X X X X |



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Accessories Included with the EVAPro - Model # EVP-2000E

| | |
|-----------------|--|
| WVA-01 | (Two included w/ Tester) Exhaust Cone Adapter (1" to 3 ½") Diameter) |
| WVA-02 | Assorted Cap-plug Set |
| WVA-03 | Smoke Diffuser (for finding wind/water leaks) |
| HS400AC | 400,000 CP Halogen Spot Lamp (20' power leads & clips) |
| WVA-041 *¼"x25' | Coiled hose (Nitrogen hose to Evap Tester with ¼ pipe-thread & automotive quick-disconnect fitting) |
| P0716UV | *UltraTraceUV™ Smoke Solution (16oz) (Unit arrives full) |
| WVA-06 | *EVAP Service Port Adapter Fitting (Standard size) |
| WVA-042 | *EVAP Service Port Adapter Fitting (Small size) |
| WVA-049 | *Dual-Size Schrader Removal / Installation Tool |

Optionally Available:

| | |
|--------------|-------------------------------------|
| 200-22-227NG | *Pre-set Gas Flow Regulator 100 PSI |
|--------------|-------------------------------------|