

# Leak Master Evaporative Emissions System Tester

**NEW**



**No. 6525**

Manufactured by  
**CHAMPION**  
ENGINEERING INC

- Vacuum Leaks
- Exhaust Leaks
- Induction Leaks
- Crankcase Oil
- Climate Control
- Wind & Water
- Other Closed System Leaks

**LeakMaster's simple two-step process makes testing today's most advanced OBD-II systems quick and easy.** You simply connect the unit to the vehicle's EVAP service port and battery. The OTC LeakMaster 6525 can be calibrated to identify leaks at .020 and .040 (thousandths of an inch). There is a feature setting on the control valve making it capable of detecting leaks much smaller than .020, allowing the unit to keep pace with testing standards as they change. The OTC LeakMaster 6525 indicates, with a Pass/Fail, if the system being tested has unacceptable leakage. There's no more guesswork.

**With LeakMaster, when you see the smoke, you've found the leak!** If the OTC LeakMaster 6525 confirms the existence of excessive leakage in the system, simply switch the unit into phase-two testing, which introduces non-toxic diagnostic smoke with UltraTraceUV™ technology. Locating the area of any leak is simple, just look for the smoke exiting at the point of leakage. The UltraTraceUV dye will help you pinpoint the exact point of any leak during and after testing. It's that simple!

**LeakMaster offers state-of-the-art control for troubleshooting state-of-the-art systems.** The OTC LeakMaster 6525 precisely controls critical pressure and flow rates needed for testing today's advanced OBD-II EVAP systems. The OTC LeakMaster 6525's diagnostic smoke and UV dye have undergone extensive testing by major auto manufacturers, is approved for use in OBD-II EVAP systems, and meets the most stringent OEM requirements.

**A truly versatile unit for testing a wide range of systems.** The OTC LeakMaster 6525 is designed to work with either nitrogen or shop air. In addition to its EVAP capabilities, the OTC LeakMaster 6525 also locates wind and water leaks, vacuum/induction leaks, climate control vacuum leaks, exhaust leaks, and many

other closed system leaks. And, all testing is safely performed with the engine off.

Inexpensive to operate, the OTC LeakMaster 6525 is user-refillable and will complete about 1,000 tests per smoke solution refill.

**LeakMaster's precision and accuracy help you keep pace with standards for years to come.** The OTC LeakMaster 6525's precision and accuracy in detecting OBD-II EVAP leaks gives the unit the ability to keep pace with testing standards as they evolve, making it the right solution for EVAP system testing for years to come.

## No. 6525 OTC LeakMaster Specifications

Height	23 in. (58.4 cm)
Width	18 in. (45.7 cm)
Depth	9-1/2 in. (24.1 cm)
Weight	17 lb. (7.6 kg)
Ship Weight	20 lb. (9.0 kg)
Power Supply	12-volt DC
Amperage Usage	15 amps
Supply Pressure	13.0 in. H <sub>2</sub> O
Supply Volume	15 liters per minute
Operating Temp. Range	45° F to 140° F (7.2° C to 60° C)
Smoke Supply Line	12 feet (3.6 m)
Power Supply Line	12 feet (3.6 m)
Remote Starter Cable	12 feet (3.6 m)

## Accessories: (Included with 6525; also available separately)

<b>CEA-01</b>	3-1/2" Diameter Exhaust Cone (Qty. 2)
<b>CEA-02</b>	Assorted Cap Plug Kit
<b>CEA-03</b>	Smoke Diffuser Adapter
<b>HS-400AC</b>	400,000 CP Spotlight with 20 ft. Cord and Battery Clips
<b>CEA-04</b>	Standard SVC Port Adapter
<b>CEA-041</b>	25 ft. Nitrogen Coiled Hose
<b>CEA-042</b>	Small SVC Port Adapter
<b>CEA-049</b>	Double Ended Schrader Remover Tool
<b>SR00</b>	Water Trap Filter
<b>P-0716-UV</b>	Smoke Compound w/ UltraTraceUV™ Technology