

WV711



Smart Pressure[®] Diagnostic Smoke[®] Machine

Find All High Pressure Leaks with Smart Pressure[®] Technology and UltraTrace^{UV} Dye.

The Smart Pressure[®] Diagnostic Smoke[®] Machine is a full featured leak detector, specially designed for turbocharged vehicle systems.



The WV711's Smart Pressure[®] technology produces the densest visible smoke vapor over the unit's *entire* range of operating pressure. Smart Pressure[®] technology software electronics prevents thinning of smoke density that occurs when conventional units are set at high pressure. A denser smoke vapor means it's easier to see at leak points. It also means a faster UltraTrace^{UV} dye deposit at the exact location of the leaks, which is essential for high pressure leak testing! You simply can't find all the leaks without it!

Kit Contents

Included



WV0716UV
The (2) bottles of UltraTrace^{UV} smoke solution included performs hundreds of tests.



WVA-065
Combination white/UV/laser light helps find exiting smoke and **UV** trace at exact leak locations.



WVA-073
Wireless remote

Optional



WVA-092
VW Turbo Adapter with male quick-connect



WVA-091
Turbo Adapter Set; 35mm to 105mm, in 5mm increments



WVA-095
Female quick-connect 'plug'; connects to a WVA-091 adapter so it can be used as a 'plug'

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Technical Specifications:

- ▶ **Dimensions**
h: 14.5" (36.8 cm)
w: 13.75" (34.9 cm)
d: 10" (25.4)
- ▶ **Weight**
17 pounds(7.7kg)
- ▶ **Power**
12 Volt DC or 110-220V AC
- ▶ **Inlet Pressure**
50-175 psi (3.5-12 bar)
- ▶ **Inlet Gas Source**
Workshop Air
Any Inert Gas Source
- ▶ **Output Pressure**
3-43.5 PSI
(207 mbar-3 bar)
- ▶ **Flow Rate**
0-20 LPM
- ▶ **Not for EVAP Testing**



Smart Pressure[®] Technology Features

- **Contaminant-free UltraTrace^{UV} dye solution marks leak spot:** essential for high pressure testing
- **Easy Digital Pressure Setting:** no need to fumble with analog regulator
- **Smart Pressure[®] technology:** automatically delivers densest smoke vapor, regardless of pressure setting
- **Selection Modes:** digital display shows pressure in PSI/bar and flow in LPM
- **Quantifies Leak:** with pressure-decay as well as leak flow rate, regardless of pressure setting
- **Flexible Gas Source:** use with workshop air or any inert gas
- **Self-Calibrating**

Applications

- **Designed for turbocharged vehicles:** tests entire turbo system
- **Tests virtually all pressure systems** (Do not use on EVAP System)

Smart Pressure[®] technology, along with UltraTrace^{UV} Dye, provides superior high pressure leak location. Excellent smoke density is maintained throughout the unit's full operating pressure range. The UltraTrace^{UV} Dye deposit is ESSENTIAL for marking leak locations in high pressure applications.

