# **WV711**



# Smart Pressure Diagnostic Smoke Machine

# Find <u>All</u> High Pressure Leaks with Smart Pressure<sup>™</sup> Technology and UltraTrace UV<sup>®</sup> Dye.

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



The WV711's Smart Pressure<sup>™</sup> technology produces the densest visible smoke vapor over the unit's *entire* range of operating pressure. Smart Pressure<sup>™</sup> 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 UltraTraceUV<sup>®</sup> 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**



# WV0716UV The (2) bottles of UltraTraceUV® smoke solution included performs hundreds of tests.

## Included



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



WVA-073 Wireless remote

WVA-092 VW Turbo Adapter with male quick-connect

Optional

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'

# Smart Pressure<sup>™</sup> *Diagnostic Smoke*<sup>®</sup> Machine **WV711**



## **Technical Specifications:**

Dimensions

h: 14.5" (36.8 cm) w: 13.75" (34.9 cm) d: 10" (25.4)

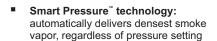
- ▶ Weight 17 pounds(7.7kg)
- **▶** Power 12 Volt DC or 110-220V AC
- **▶ Inlet Pressure** 50-175 psi (3.5-12 bar)
- ▶ Inlet Gas Source Workshop Air Any Inert Gas Source
- **▶ Output Pressure** 0-43.5 psi (0-3 bar)
- ▶ Flow Rate 0-20 LPM
- Not for EVAP Testing





### Smart Pressure™ **Technology Features**

- Contaminant-free UltraTraceUV® dve solution marks leak spot: essential for high pressure testing
- Easy Digital Pressure Setting: no need to fumble with analog regulator



- 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 UltraTraceUV® Dye, provides superior high pressure leak location. Excellent smoke density is maintained throughout the unit's full operating pressure range. The UltraTraceUV® Dye deposit is ESSENTIAL for marking leak locations in high pressure applications.

