



SMT-300 Product Information

(AA-DG/MKT-NA)

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SMT-300 Smoke Machine Tester Kit # F00E900291

Kit consists of

- Tester Unit
- Full compliment of accessories
- Accessories attache “ClikCase”
- (2) bottles of “Smoke Solution”

Bosch Advantages:

- Only Manufacturer to include an accessories storage solution
- Only Manufacturer (exc. VacuTec) to include (2) bottles of Smoke Solution..enough for (500) standard 5 minute tests
- Light weight& portable



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SMT-300 Smoke Machine Tester Kit # F00E900291

Sturdy ClikCase included

- Plenty room for accessories & (2) bottles of Smoke Solution



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SMT-300 Smoke Machine Tester Kit # F00E900291



Included is a (3) function light and a pair of UV glasses. A selling advantage because competitors (exc. Smoke Wizard) charge extra for the light (\$50~\$75)



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SMT-300 Smoke Machine Tester Kit # F00E900291

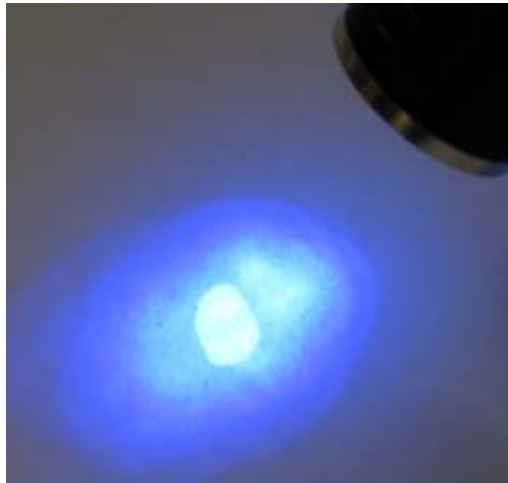
Unique light included at no charge.

(3) Lights-in-One

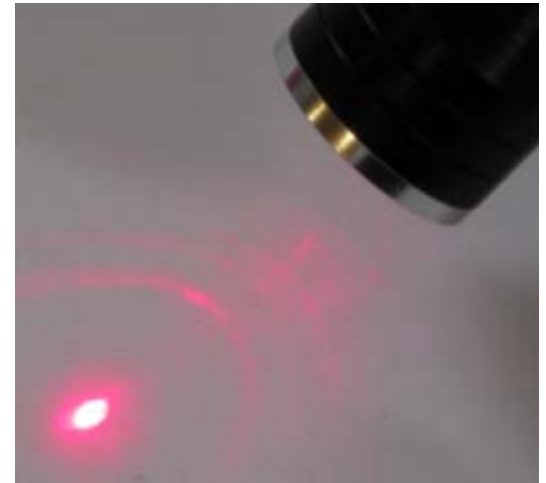
(1) sequential button activates all



White Light



UV Light



Laser Pointer Light





SMT-300 Smoke Machine Tester Kit # F00E900291

Clean & Simplistic
Instrument Panel.

Flow Gage &
Pressure Gage!

Graduated
Flow Control!



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SMT-300 Getting Started

Packaging

- Single Box
- 17"x17"x17"
- Weight: 20 lbs.
- Molded foam inserts to secure the contents
- Very Clean look!



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SMT-300 Getting Started

Tester is shipped empty.
This prominent tag is in
place.



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Filling the tester with Smoke Solution

Step 1: Remove Dipstick

Step 2: Fill Reservoir with one bottle of solution

Step 3: Recheck Level with Dipstick

Step 1



Step 2



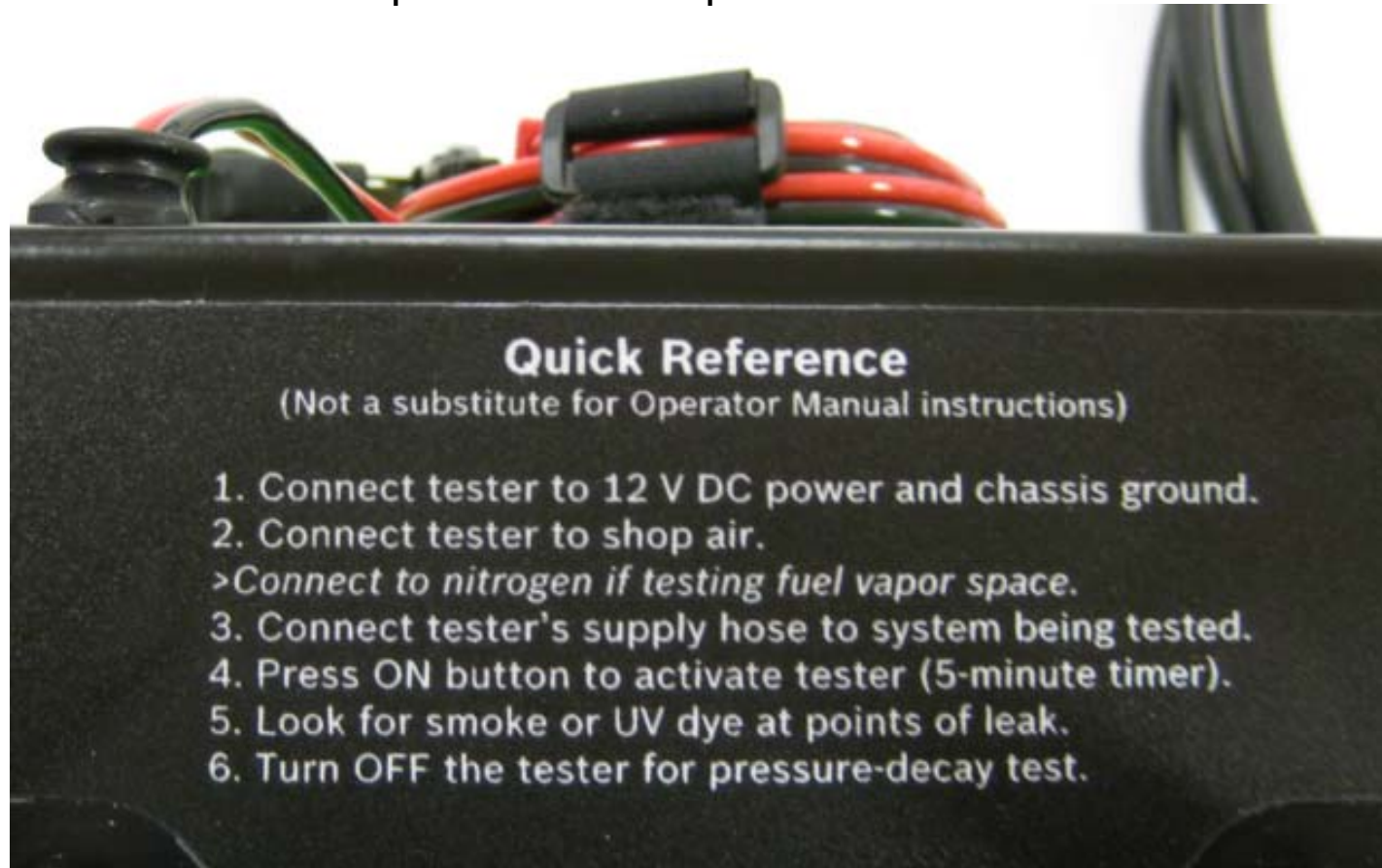
Step 3





SMT-300 Getting Started

Rear panel label w/ quick instructions



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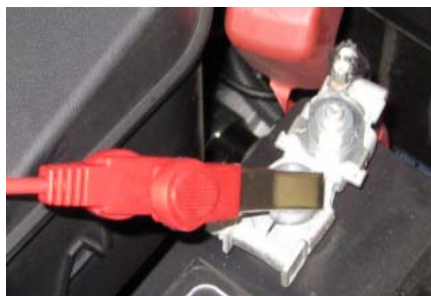
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SMT-300 Getting Started

1. Connect tester to 12 V DC power and chassis ground.

Note: Flashing battery light indicates low voltage or poor connection.



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SMT-300 Getting Started

2. Connect tester to shop air.

Note: Connect to nitrogen if testing fuel vapor space.

Shop Air



Nitrogen or CO2



Note: Inert Gas Pack (Nitrogen or CO2) is available as separate accessory # F00E900355





SMT-300 Getting Started

3. Connect tester's supply hose to system being tested. Examples of a few:



Air intake/Manifold



Exhaust System



Vacuum System



EVAP





SMT-300 Getting Started

4. Press ON button to activate tester (5-minute timer).

Note: Set Flow Control to Maximum



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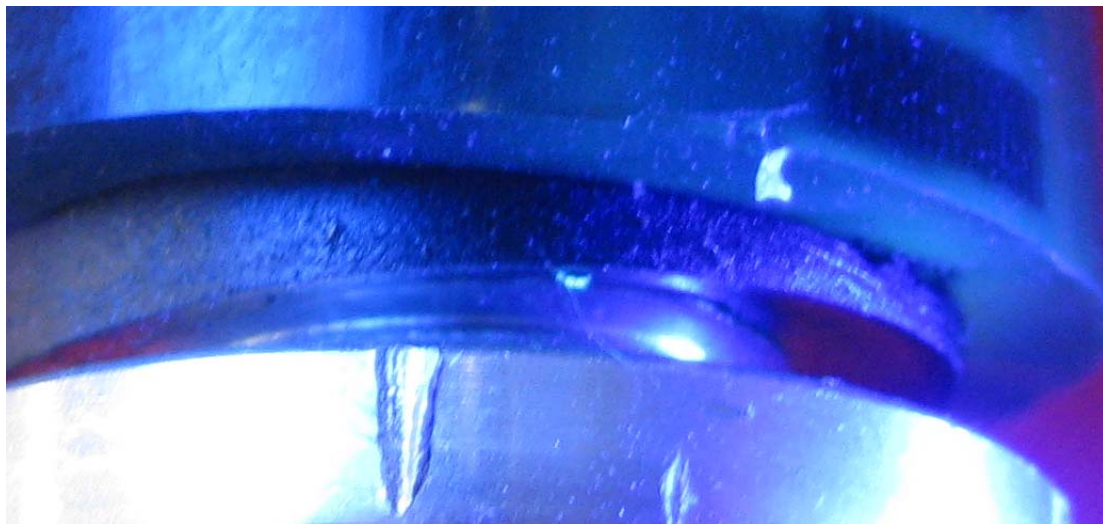
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5. Look for smoke or UV dye at points of leak.



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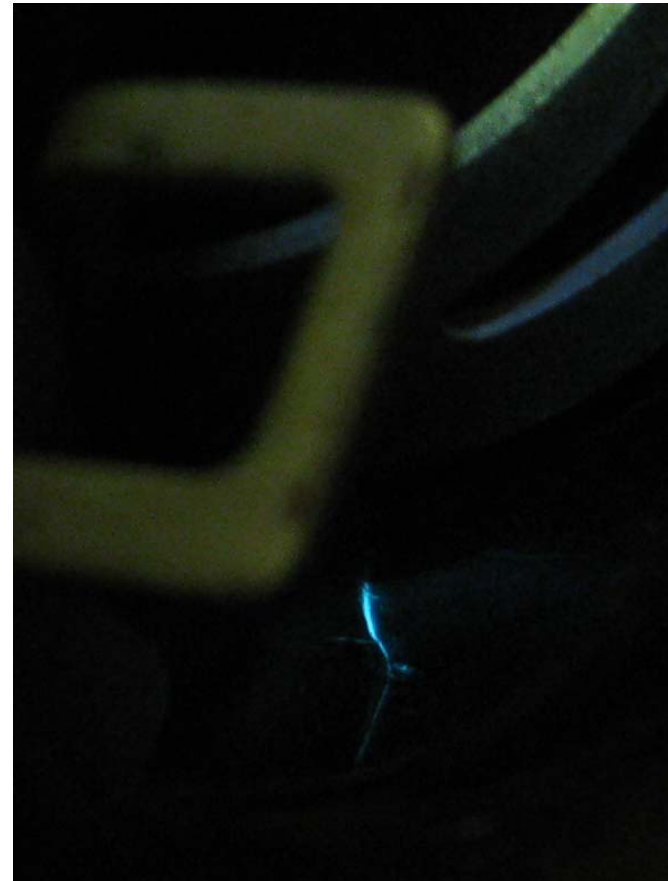
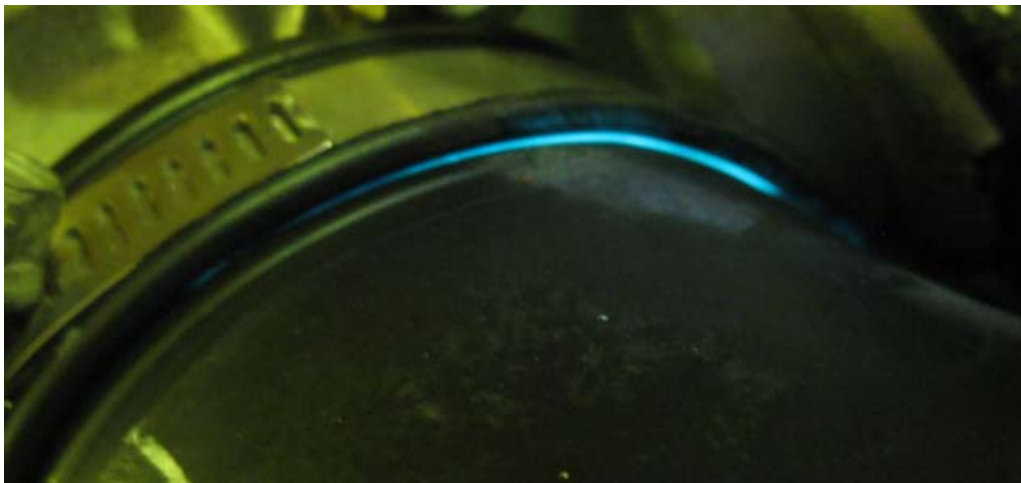
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SMT-300 Getting Started

5. Look for smoke or UV dye at points of leak.



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SMT-300 Getting Started

6. Turn OFF the tester for pressure-decay test.

Note: Primarily for Evaporative Emissions Testing or Seal Systems



Needle Remains
Steady



Needle Drops
Indicates Leak





SMT-300 Technical Highlights

- Compact (13" x 12" x 13" tall)
- Lightweight (19 lbs)
- Operates off vehicle (12V) battery
- Full featured machine with graduated smoke flow control valve, air flow meter, and pressure decay gauge.
- Full complement of accessories with storage case.
- Multi-purpose tester designed for leak detection in any low pressure closed system. Usable to pinpoint wind and water leaks of passenger and trunk areas.
- OEM approved smoke test technology.
- Designed for safe use in any vehicle. Will not damage vehicle components or void any Factory warranty.
- Meets SAE standard for safe EVAP testing (2007-01-1235 and 2008-01-0554)
- Uses UltraTraceUV® dye solution to create Diagnostic Smoke®. The only OEM approved solution.
- Dye deposit is UV light-traceable (light included w/kit)



(Available as .PDF)



SMT 300 Kit Content – Repair Parts - Accessories

Model SMT300 Smoke Tester Kit Part # F00E900291

Kit MSRP \$1295 (USD)

Item #	Included in Kit	Service P/N	MSRP (USD)
1	Tester unit	NA	—
2	Plastic Accessories Case w/ label	F00E900364	\$29.40
3	Smoke Solution (2 bottles supplied)	F00E900348 (1 BOTTLE)	\$69.95
4	EVAP Service Port Adapter Fitting	F00E900353	\$36.00
5	Dual-size Schrader Valve Removal Tool	F00E900354	\$15.69
6	Assorted Cap Plug Set	F00E900349	\$23.99
7	Smoke Diffuser	F00E900351	\$19.99
8	Exhaust Cone Adapter	F00E900350	\$49.95
9	Combo Light/UV Light w/ glasses	F00E900352	\$29.99
10	Automotive Style Air Inlet Fitting	NA	—
11	Industrial Style Air Inlet Fitting	NA	—



Item #	Additional Accessory Offerings	Accessory P/N	MSRP (USD)
12	Inert Gas Pack (Nitrogen or CO2 usage)	F00E900355	\$ 139.00
13	100 psi Preset Regulator (For use w/ larger gas bottles)	F00E900365	\$ 79.99
14	25 ft Coiled Cylinder Hose (For use w/ larger gas bottles)	F00E900366	\$ 39.99
15	Tester Filter Replacement Kit	F00E900361	\$ 7.99
16	Universal Fuel Filler Neck Adapter	F00E900362	\$ 58.00
17	BMW-Mini Fuel Filler Neck Adapter	F00E900363	\$ 39.95




















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SMT 300 Competitive Comparison Chart

 SMT 300 Competitive Comparison Chart																				
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Seller (Mfg.)	Model #	Part #	Photo	MSRP	Street Price Seen	Warranty	Smoke Flow Meter	Accessories Included	Accessories Available Separately	Smoke Flow Auto-Shutoff (Safety)	Smoke Sourced via Special Solution	Solution UV Light Traceable	OEM Approved Technology	Inert gas for EVAP Capable	Water Trap w/ Filter	Inert Gas Pack Available	Pressure Gauge (H2O/in.)	Graduated Smoke Flow Control Valve	UV Light Included	Accessory Storage Case Included
Bosch	SMT300	F00E3000291		\$1,295	NA	1 Year	YES	YES	YES	YES	YES (2 Bottles Supplied w/ Kit)	YES	YES	YES	YES	YES	YES	YES	YES	YES
Smoke Wizard	Smoke Wizard	GLD-40		\$1,142	\$1,000	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Vacutec	EVAP Pro 2000E	2000E		\$1,795	\$1,250	2 Year	YES	YES	YES	YES	YES (2 Bottles Supplied w/ Kit)	YES	YES	YES	YES	YES				
Vacutec	EELD601	VCTEELD601		\$1,395	\$760	2 Year	YES	YES	YES	YES	YES (2 Bottles Supplied w/ Kit)	YES	YES	YES	YES	YES				
SnapOn	EELD100	EELD100		\$1,099	NA	2 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES				
MotorVac	EVAP LeakCheck 333	500-0333		\$3,095	\$2,495	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
NAPA	6525 Leak Master	5K525-1800		\$2,599	\$1,799	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
SnapOn	EELD902B	EELD902B		\$2,499	NA	3 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
OTC	6525 Leak Master	6525		\$2,323	\$1,609	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
MotorVac	LeakCheck Plus LC 210	500-2100		\$1,895	\$1,395	1 Year		YES	YES	YES	YES	YES	YES	YES	YES					
NAPA	6521 Leak Tamer Plus	5K525-1801		\$1,499	\$1,000	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
MATCO	Leak Tamer Plus	MD6521		\$1,473	NA	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
OTC	6521 Leak Tamer Plus	6521		\$1,173	\$975	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
MAC TOOLS	EVER21 Leak Tamer Plus	NA		\$1,099	NA	1 Year	YES	YES	YES	YES	YES	YES	YES	YES	YES					
Redline	Smoke Pro Total Tech	NA		\$1,095	\$995	1 Year	YES	YES	YES		NO USP Grade Mineral Oil Used (Safety OK)						YES			
MAC TOOLS	EV9510 Leak Attack	NA		\$1,000	NA	1 Year	YES	YES	YES		NO USP Grade Mineral Oil Used (Safety OK)						YES			

(available as .PDF)

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SMT 300 Sales Flyer and Users Manual

Bosch Smoke Machine Tester
SMT 300



The Bosch SMT 300 Smoke Machine Tester is a full-featured device which allows today's shop to perform various types of vehicle leak testing.

EVAP leak testing is made quick, simple and accurate. The UltraTrace UV® Smoke solution used to generate smoke, leaves a UV light-traceable mark that pinpoints the source of the vehicle leak. The tester is a multi-functional device that can be used for EVAP testing and also for testing of oil leaks, exhaust leaks, wind leaks, EGR leaks, and many more. The tester can be used with shop air or inert gases. Truly a time-saving device when diagnosing problematic issues.

- ▶ Built-in safety features for EVAP testing
- ▶ Graduated smoke flow control valve
- ▶ Compact and rugged design
- ▶ Competitively priced




Comes with accessories and a carrying case. Includes two (2) bottles of UltraTrace UV® Smoke Solution.

F00E900291 SMT300 \$1,295.00 (USD)

BOSCH
Invented for life

www.boschdiagnostics.com | 800-321-4089

(available as .PDF)



SMT 300 Smoke Machine Tester
Operator Manual

with UltraTraceUV® Dye Solution

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(supplied w/ kit & available as .PDF)

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