



PV VENT CAP TESTER

INTRODUCING OUR PRODUCT USED TO TEST STAGE 1 PRESSURE/VACUUM VENT'S COMPLYING WITH THE TP-201.1E GUIDELINES.

Designed from the schematics of the CARB guidelines TP-201.1E our tester is capable of performing all four test required on Stage I PV Vent Caps.

Using a digital mass flow meter and manometer to give accurate readings automatically.

Visit our website:

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Unit is built from 3/16" aluminum which is powder coated.

Open design allows for easy access to all fittings for soap testing.

Comes complete with carrying case and two power supplies, one 12 volt auto plug in and another 110 volt for inside use. Wind, rain and direct sunlight should be avoided.



Stage I Testing:

Four Test are required on each PV Vent Cap

1. [Positive Leak Rate Test at 2.0" w.c.](#)

Measures how much air (vapor) can leak past the valve when there is very low amount of pressure.

2. [Positive Cracking Pressure at 120 ml/min](#)

Measures the amount of pressure it takes to cause the valve to "open". After the valve "cracks" it won't hold as much pressure.

3. [Negative Leak Rate Test at -4.0" w.c.](#)

Measures how much air (vapor) can leak past the valve when there is very low amount of vacuum.

4. [Negative Cracking Pressure at 200 ml/min](#)

Measures the amount of pressure it takes to cause the valve to "open". After the valve "cracks" it won't hold quite as much vacuum.