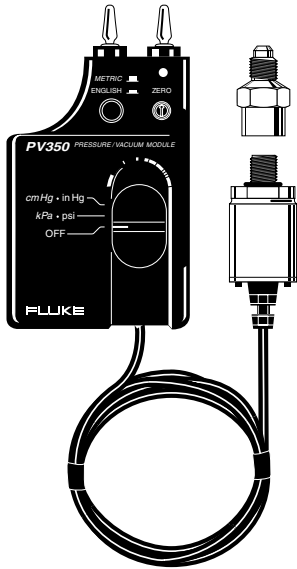


## Fluke PV350 Digital Pressure/Vacuum Module



### The Fluke PV350 turns your DMM into a digital pressure/vacuum troubleshooter

- Takes digital pressure and vacuum measurements with a single module
- Compatible with most popular DMMs
- Measures HVAC/R, hydraulic and pneumatic pressures to 500 psi
- Measures vacuum to 29.99" Hg
- Features a solid state transducer sealed in 316 stainless steel to work with a wide variety of liquids and gases
- Records Min/Max values when connected to a Min/Max capable DMM
- Displays results in English (psi or "HG) or metric (kPa or cm Hg)

The Fluke PV350 sets the standard for pressure/vacuum troubleshooting. It turns your digital multimeter into a complete measuring system, adding digital pressure and vacuum measurements to the existing capabilities of your DMM. This compact module plugs into standard diameter banana jacks on the front of your DMM and measures HVAC/R, hydraulic and pneumatic pressures up to 500 psi. Flip the switch and you can measure vacuum to 29.99" Hg. All with one module.

The PV 350 can eliminate the need for a bulky manifold gauge set in many troubleshooting situations. About the only time you'll need your manifold gauge set is when you need to evacuate or add refrigerant to the system.

### Rugged versatile performance

Unlike manifold gauge sets that need to be handled carefully, the PV350 is built to take a lot of tough use. Its heavy-duty case resists moisture, dust and impact, while the rugged solid state transducer remains accurate much longer than mechanical gauges. Safely sealed in a stainless steel housing, the transducer is protected from the media being measured. As a result you can measure a wide variety of gases and liquids with a single unit. And because it's backed by Fluke's worldwide reputation for quality and reliability, you can count on the PV350 for years of accurate performance.

### Designed for easier, more accurate troubleshooting

The PV 350 delivers digital accuracy, and rugged performance along with several easy handling features:

- Easy-to-read digital display on DMM
- High accuracy – to within 1% of reading or better
- High resolution – instantly displays small changes in pressure or vacuum to detect small leaks fast
- Durable 8-foot cable eliminates the need for a hose and keeps fluid and gas in the system preventing potential leaks from the hose connections
- Zeroing capability offsets changing barometric pressure
- Easy front-panel switch between pressure and vacuum

### Min/Max recording

If your meter has Min/Max recording capabilities, the PV350 can record those values in pressure and vacuum as well. That gives you the flexibility to adjust the pressure or vacuum system on the spot and immediately record the effect of those adjustments. The PV 350 requires minimum setup time, so you get to the problem – and the solution – faster.

### Ordering Information

PV350 Pressure/Vacuum Module  
 C25 Soft Carrying Case  
 12" Hose (P/N 913223)

Need Technical Assistance? Call:

**1-800-44-FLUKE**

Toll-free in the U.S.

(800) 36-FLUKE in Canada

(425) 356-5500 other countries

For more information to be sent to you by fax, call 1-800-FLUKE-FAX in the U.S. and Canada. Or, visit our Website at <http://www.fluke.com>

### Specifications

	Range	Accuracy
<b>Pressure</b>	.5 to +350 psi (3.447 to +2413 kPa)	± 1% of reading (± 0.3 psi) ± 1% of reading (± 2.1 kPa)
	350 psi to 500 psi (2413 to 3447 kPa)	± 5% of reading (± 1.0 psi) typical ± 5% of reading (± 7 kPa)
<b>Vacuum</b>	0 to 29.99" Hg (0 to 76 cm Hg)	± 1% of reading (± 0.5" Hg) ± 1% of reading (± 1.3 cm Hg)

Accuracy specification require the module be zeroed prior to taking the reading. Accuracy specifications apply over entire specified range and in all units.

### Operating environment

Temperature	Humidity
-10 to 10°C	Uncontrolled Humidity
10 to 30°C	0 to 95% Relative Humidity
30 to 40°C	0 to 75% Relative Humidity
40 to 50°C	0 to 45% Relative Humidity
50 to 55°C	0 to 35% Relative Humidity

### Temperature derating (Add to accuracy specification)

Temperature Range	Derating
28° to 55°C	0.016% x (°C-28)
18° to 28°C	No derating
0° to 18°C	0.048% x (18-°C)
-10° to 0°C	0.264% x (9°-°C)

**Calibration interval:** One year

**Resolution:** 0.1 psi/inch Hg in mV range, 1 psi/inch Hg in Volt range (with 3 1/2 or 4 digit multimeter)

**RF field derating:** Typically <than 1% error from 14 kHz to 30 MHz at 1 V/M

**Maximum working pressure:** 500 psi

**Burst pressure:** 1000 psi

### General

**Weight:** 12 oz. (336g)

**Battery:** Standard 9 volt battery (NEDA #1604, 6F22, 006P)

**Battery life:** 350+ hours

**Altitude:** 10,000 ft.

**Shock:** 1 meter drop

**Vibration:** .7g @ 15 Hz to 3g @ 55 Hz

### Environmental

**Ambient operating:** -10 to 55°C

**Storage temperature:** -51 to 71°C

**Storage humidity:** 0% to 90% non-condensing (0 to 35°C)

**Multimeter capability:** The PV 350 is compatible with any DMM that has a dc millivolt range, standard banana jack input and an input impedance of 10 Megohms or greater. For input impedance of 1 Megohm add .5% to accuracy specification.)

**Input port thread size:** 1/4" NPT

**Electrical cable:** PVC cable will withstand temperatures up to 105°C; cable diameter: .25" (.635 cm); cable length: 8' (243.84 cm)

**Fluke.** Keeping your world up and running.