



**SINGLE  
PRESSURE**

**MODEL  
476A-0**

**MADE IN**



**U. S. A.**

**ACCURACY  
 $\pm 1.5\%$  FS**

**RUGGED  
ALUMINUM  
METAL  
HOUSING**

**SELECTABLE  
ENGINEERING  
UNITS**

**RANGE  
-20 to 20  
in w.c.**

**MANOMETER**



**SPECIFICATIONS**

**Service:** Air and compatible gases.

**Wetted Materials:** Consult factory.

**Accuracy:**  $\pm 1.5\%$  full-scale at 72°F (22.2°C). Includes linearity and repeatability.

**Pressure Hysteresis:**  $\pm 0.1\%$  of full-scale.

**Pressure Limits:** 5 psig (.74 bar).

**Temperature Limits:** 0 to 140°F (-17.8 to 60°C).

**Compensated Temperature Limits:** 32 to 104°F (0 to 40°C).

**Thermal Effect:** 0.05% full-scale/°F.

**Display:** 4 digit LCD (.425" H x .234" W digits).

**Power Requirements:** 9 V alkaline battery, installed non-functional, user replaceable.

**Process Connections:** For use with 3/16" or 1/4" ID tubing.

**Weight:** 10.8 oz (306 g).

**Agency Approvals:** CE.

Model	Range in w.c.	Available Pressure Units								Resolution in w.c.	Max. Pressure
		bar	psi	in Hg	kPa	in w.c.	mm Hg	mbar	mm w.c.		
476A-0	-20.0 to 20.0	.0498	0.723	1.471	4.98	20.00	37.4	49.8	508	0.02	5 psig

**OPERATING INSTRUCTIONS****ON/OFF:**

Press ON/OFF to turn the unit on. Press and hold ON/OFF for about 2 seconds to turn it off. Device will automatically shut off after 20 minutes if not in use.

**ZERO:**

Vent both pressure ports to atmosphere. Press ZERO button until the LCD displays "-----" then release it. The LCD reads 0 if the zero offset is less than 10% of FS.

**UNITS:**

To change units, press both ON/OFF and ZERO buttons simultaneously.

**BATTERY:**

Remove retaining screws on end cap at base of instrument to replace battery when LOW BAT is displayed. Use 9 V alkaline battery DURACELL MN 1604, EVEREADY 522, or equivalent.



**DWYER INSTRUMENTS, INC.**  
**MICHIGAN CITY, IN 46360**  
 email: [info@dwyermail.com](mailto:info@dwyermail.com)  
<http://www.dwyer-inst.com>

