



## Features

- Pressure unit on display
- Battery powered
- Accurate digital display with wide viewing angle
- 4 user programmable pressure units available
- Power saving mode
- Back light option
- IP65 enclosure, dust and splash-proof
- 5 units / pack

Patented



## SPECIFICATION

TYPE	(Vacuum)		(Positive)	
	AP60V	AP60VL	AP60P	AP60PL
1.000 MPa (145.0 psi)				
0 -100 kPa (-14.5 psi)				
Rated pressure range	-101 ~ 0 kPa (-14.7 ~ 0.0 psi)		0.000 ~ 1.000 MPa (0.0 ~ 145.0 psi)	
Display pressure range	-101 ~ 10 kPa (-14.7 ~ 1.5 psi)		-0.100 ~ 1.000 MPa *1 (-14.5 ~ 145.0 psi)	
Withstand pressure	300 kPa (43.5 psi)		1.500 MPa (217.5 psi)	
Applicable fluid	Filtered air, Non-corrosive incombustible/Non-flammable gas			
Pressure resolution	kPa	1	-	
	MPa	-	0.001	
	kgf/cm <sup>2</sup>	-	0.01	
	bar	0.01	0.01	
	psi	0.1	0.1	
	mmHg	1	-	
Battery	CR 2032 lithium			
Back light	No	Yes	NO	Yes
Battery life	3 years (5 times/day)	1 year (5 times/day)	3 years (5 times/day)	1 year (5 times/day)
Low-power indicator	Yes			
Battery replaceable	Yes			
Turn-on interval	Display turn off after 30 sec.			
Sampling rate	2 Hz (2 times/sec.)			
Pressure unit	psi, bar, mmHg, kPa user selectable		psi, bar, kgf/cm <sup>2</sup> , MPa user selectable	
Repeatability	±1% F.S. ± 1digit		±0.2% F.S. ± 1digit	
LCD display	3 ½ digit, 7 segment			
Indicator accuracy	±2% F.S. ±1 digit (ambient temperature: 25 ±3 °C)			
Environment	Enclosure	IP65 *2		
	Ambient temp. range	Operation: 0 ~ 50 °C, storage: -10 ~ 60 °C ( No condensation or freezing)		
	Ambient humidity range	Operation/Storage: 35 ~ 85% RH ( No condensation)		
	Vibration	Total amplitude 1.5mm or 10G, 10Hz-55Hz-10Hz scan for 1 minute, two hours each direction of X, Y and Z		
Shock	100m/s <sup>2</sup> (10G), 3 times each in direction of X, Y and Z			
Temperature characteristic	±2% F.S. of detected pressure (25 °C) at temp. range of 0~50 °C			
Port size	F1:R1/8", M5; F2:NPT1/8", #10-32UNF; F3:G1/8", M5 F4:R1/4", M5; F5:NPT1/4", #10-32UNF; F6:G1/4", M5			
Weight	Approx. 40g			

\*1. When the pressure is -0.1MPa, LCD displays  MPa.

\*2. Air tube must be installed to maintain IP65.

Units conversion: 1 MPa = 14.5 psi = 10 bar, 1 kPa = 0.145 psi = 0.2953 inHg = 10 mbar

## PANEL DESCRIPTION

