

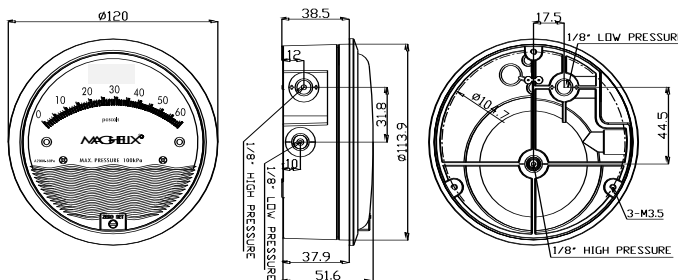
A2000/C2000 Differential Pressure Gauge



A2000



B2000



Applications & Features

- They can measure system pressure of fan, blower, filter, furnace draft and orifice plates. And they can also measure pressures in various clean room, bio-safety cabinet, clean bench, industrial cleaner, medical equipment, air sampler, pharmaceutical and grain & food machine, etc.
- 68 models available for different ranges and units
- With simple and frictionless movement, it quickly indicates air or gas pressure, either positive, negative or differential
- The design resists shock, vibration and over pressures
- Ultra-thin design: the flushed part is only 38.5mm, and the overall thickness is only 52.2mm
- Patented state of art wave shape decorative front cover
- Standard accuracy up to 2% and high accuracy up to 1%FS
- Optional mirror scale overlay eliminating parallax reading error and brushed 304 SS or chrome plated bezel for A2000
- A2000 (use trademark MAGHELIX) has very fine parts and assembly procedures to ensure extraordinary accuracy, stable and reliable for long term application. Each one have a Test Report for multiple points and precision packing. While C2000 is same A2000 but shall have ABS case and bezel.

Specifications

Service: Air and non-combustible compatible gases

Housing: Die cast aluminum case and bezel, with PC cover

Protection: IP67

Accuracy: $\pm 2\%$ FS ($\pm 3\%$ on 125Pa, $\pm 4\%$ on 60Pa) @21°C

Pressure Limits: -70 to 100 kPa

Size: 101.5mm (4") diameter dial face, 115.5 mm (4-9/16") dia. opening for flush mount

Temperature Limits: -7 to 60°C (20 to 140°F)

Connections: 1/8" NPT female high and low pressure taps, duplicated, one pair side and one pair back

Weight: 440g

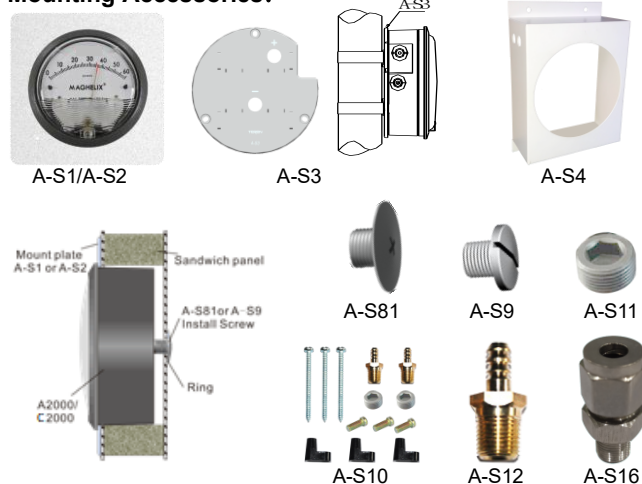
Mounting method: Flush or surface in vertical position

Standard accessory: Model A-S10, including two 1/8"NPT pipe plugs, two 1/8" NPT to 3/16" rubber tubing adapters and three flush mounting adapters with screws

Other Accessories: sold separately, see Accessories

Approval: RoHS (A2000)

Mounting Accessories:



Models (For A2000, use C for ABS case and bezel)

Model Number	Range Pa	Model Number	Range in w.c
A2000-60NPa**	10-0-50	A2000-00N**	0.05-0-.2
A2000-60Pa**	0-60	A2000-00**	0-.25
A2000-100Pa*	0-100	A2000-0*	0-.50
A2000-125Pa*	0-125	A2001	0-1.0
A2000-250Pa	0-250	A2002	0-2.0
A2000-500Pa	0-500	A2003	0-3.0
A2000-750Pa	0-750	A2004	0-4.0
Zero Center Ranges Pa		A2005	0-5.0
A2300-60Pa**	30-0-30	A2006	0-6.0
A2300-120Pa*	60-0-60	A2008	0-8.0
A2300-250Pa	125-0-125	A2010	0-10
A2300-500Pa	250-0-250	A2012	0-12
Model Number	Range kPa	A2015	0-15
A2000-1KPa	0-1	A2020	0-20
A2000-1.5KPa	0-1.5	A2025	0-25
A2000-2KPa	0-2	A2030	0-30
A2000-3KPa	0-3	A2040	0-40
A2000-4KPa	0-4	Zero Center Ranges in w.c.	
A2000-5KPa	0-5	A2300-00**	.125-0-.125
A2000-8KPa	0-8	A2300-0*	.25-0-.25
A2000-10KPa	0-10	A2301	.5-0-.5
Zero Center Ranges kPa		A2302	1-0-1
A2300-1KPa	.5-0-.5	A2304	2-0-2
A2300-2KPa	1.0-0-1.0	A2310	5-0-5
Model Number	Range mm wc	Model Number	Range cm w.c.
A2000-6MM**	0-6	A2000-15CM	0-15
A2000-10MM*	0-10	A2000-20CM	0-20
A2000-15MM*	0-15	A2000-25CM	0-25
A2000-25MM	0-25	A2000-50CM	0-50
A2000-30MM	0-30	A2000-80CM	0-80
A2000-50MM	0-50	A2000-100CM	0-100
A2000-80MM	0-80	Zero Center Ranges cm w.c.	
A2000-100MM	0-100	A2300-4CM	2-0-2
A2000-150MM	0-150	A2300-10CM	5-0-5
A2000-250MM	0-250	A2300-20CM	10-0-10
A2000-300MM	0-300	Zero Center Ranges mm w.c.	
A2000-500MM	0-500	A2300-6MM**	3-0-3
		A2300-10MM*	5-0-5
		A2300-20MM	10-0-10

**Accuracy 4%; *Accuracy 3%; others accuracy 2%.

Options:

1. **Mirror Scale:** Eliminates parallax reading error, to order add suffix -M.
2. **Brushed 304 SS Bezel:** Corrosion resistant bezel, to order add suffix -S.
3. **Chrome plated bezel:** to order add suffix -C.
4. **High Accuracy Calibration (A2000):** Calibrated to accuracy 2%/1.5/1% respectively, which are as twice as standard MAGHELIX gages, with Mirror Scale and Calibration Certificate, to order add suffix -H.
5. **Customer defined color scale:** Max. 3 color (red-yellow-green) to indicate the alarm status. to order add suffix -Y.

