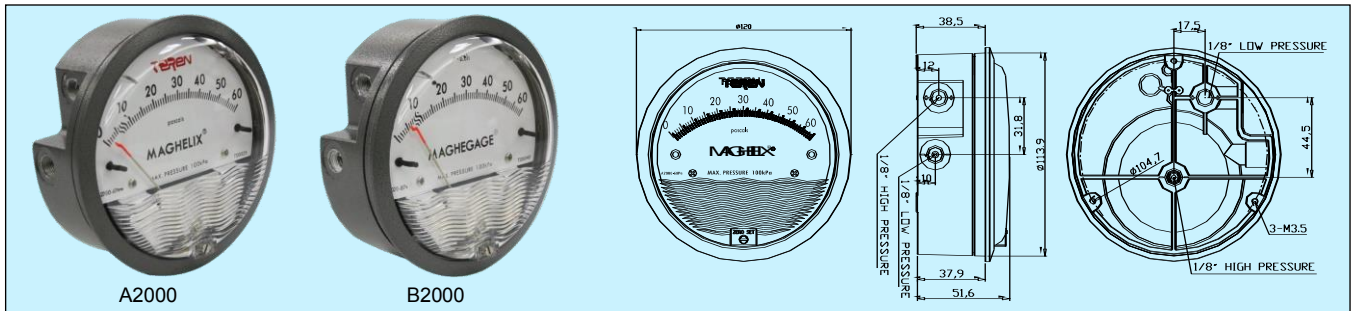


A2000/B2000 Differential Pressure Gage



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.
- 63 models available for different ranges and units for various applications
- 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
- 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 B2000 (use trademark MAGHEGAGE) have simplified assembly and testing procedures without the report

Specifications

Service: Air and non-combustible compatible gases

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

Protection: IP67

Accuracy: ±2%FS (±3% on 125Pa, ±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)

Models (For A2000, use B instead for B2000 series)

| Model Number | Range Pa | Model Number | Range in wc |
|------------------------|-------------|--------------------------|-------------|
| 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 wc | |
| 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 wc |
| 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 wc | |
| 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 wc | |
| 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(only for 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.

