

### B50000 Series Digital Pressure Gauges

- Compatible with air, liquids & gases
- 4-digit LCD display with backlight provides clear reading
- 304 Stainless Steel wetted materials and housing
- Pressure progress bar graph display
- Push-button zero



#### Specifications

|                      |                                   |
|----------------------|-----------------------------------|
| Accuracy:            | 1% F.S.                           |
| Long-term Stability: | 0.5% F.S./Year                    |
| Sampling Rate:       | 3x/Sec.                           |
| Overload Capacity:   | <1500PSI: 150%,<br>≥1500PSI: 120% |

#### Medium & Materials

|                    |                            |
|--------------------|----------------------------|
| Service:           | Liquids & compatible gases |
| Wetted Materials:  | 304 SS                     |
| Housing Materials: | 304 SS                     |

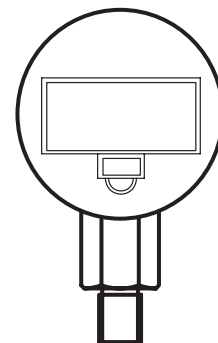
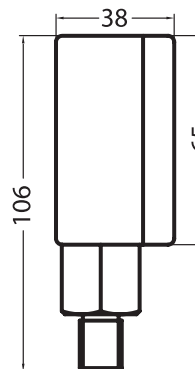
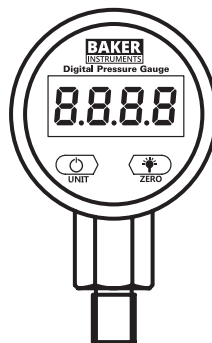
#### General Specifications

|                        |               |
|------------------------|---------------|
| Process Connection:    | 1/4" male NPT |
| Display:               | 4-digit LCD   |
| Backlit Display:       | Yes           |
| Low Battery Indicator: | Yes           |

#### General Specifications (continued)

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Power Supply:                  | 2 x AAA Batteries                       |
| Battery Life:                  | 12-18 months                            |
| Product Certifications:        | IP64                                    |
| Electromagnetic Compatibility: | EN61326                                 |
| Operating Temp.:               | 23 to 104°F (-5 to 40°C)                |
| Dimensions:                    | Outside Diameter: 2.56"<br>Depth: 1.50" |
| Weight:                        | 8.82oz (250g)                           |

*continued...*



| Model                   | B50015                                                                                                                  | B50030                                                                                                                 | B50100                                                                                | B50500                                                               | B51000                                                                | B53000                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------|
| <b>Measuring Ranges</b> | 0-15.00 psi<br>0-1.055 kgf/cm <sup>2</sup><br>0-30.5 inHg<br>0-103.4 kPa<br>0-416 in w.c.<br>0-1034 mbar<br>0-0.103 MPa | 0-30.0 psi<br>0-2.109 kgf/cm <sup>2</sup><br>0-61.1 inHg<br>0-206.8 kPa<br>0-831 in w.c.<br>0-2068 mbar<br>0-0.206 MPa | 0-100.0 psi<br>0-7.03 kgf/cm <sup>2</sup><br>0-203.6 inHg<br>0-690 kPa<br>0-0.689 MPa | 0-500 psi<br>0-35.2 kgf/cm <sup>2</sup><br>0-1018 inHg<br>0-3.45 MPa | 0-1000 psi<br>0-70.3 kgf/cm <sup>2</sup><br>0-2036 inHg<br>0-6.89 MPa | 0-3000 psi<br>0-210.9 kgf/cm <sup>2</sup><br>0-20.68 MPa |
| <b>Resolution</b>       | 0.01 psi<br>0.001 kgf/cm <sup>2</sup><br>0.1 inHg<br>0.1 kPa<br>1 in w.c.<br>1 mbar<br>0.001 MPa                        | 0.1 psi<br>0.001 kgf/cm <sup>2</sup><br>0.1 inHg<br>0.1 kPa<br>1 in w.c.<br>1 mbar<br>0.001 MPa                        | 0.1 psi<br>0.01 kgf/cm <sup>2</sup><br>0.1 inHg<br>1 kPa<br>0.001 MPa                 | 1 psi<br>0.1 kgf/cm <sup>2</sup><br>1 inHg<br>0.01 MPa               | 1 psi<br>0.1 kgf/cm <sup>2</sup><br>1 inHg<br>0.01 MPa                | 1 psi<br>0.1 kgf/cm <sup>2</sup><br>0.01 MPa             |

### Optional Protective Rubber Boot

Increase shock resistance with this optional protective boot. Compatible with all models from this series of pressure gauges.  
Available in 5 colors:  
(Black, Red, Green, Blue and Yellow)



B5-BOOT-C



B5-BOOT-R

B5-BOOT-G

B5-BOOT-B

B5-BOOT-Y

| Model       | Description                               |
|-------------|-------------------------------------------|
| B50015      | Digital Pressure Gauge, 0-15 psi          |
| B50015-NIST | Digital Pressure Gauge, 0-15 psi & NIST   |
| B50030      | Digital Pressure Gauge, 0-30 psi          |
| B50030-NIST | Digital Pressure Gauge, 0-30 psi & NIST   |
| B50100      | Digital Pressure Gauge, 0-100 psi         |
| B50100-NIST | Digital Pressure Gauge, 0-100 psi & NIST  |
| B50500      | Digital Pressure Gauge, 0-500 psi         |
| B50500-NIST | Digital Pressure Gauge, 0-500 psi & NIST  |
| B51000      | Digital Pressure Gauge, 0-1000 psi        |
| B51000-NIST | Digital Pressure Gauge, 0-1000 psi & NIST |
| B53000      | Digital Pressure Gauge, 0-3000 psi        |
| B53000-NIST | Digital Pressure Gauge, 0-3000 psi & NIST |
| B5-BOOT-C   | Black Protective Rubber Boot              |
| B5-BOOT-R   | Red Protective Rubber Boot                |
| B5-BOOT-G   | Green Protective Rubber Boot              |
| B5-BOOT-B   | Blue Protective Rubber Boot               |
| B5-BOOT-Y   | Yellow Protective Rubber Boot             |