

## Introduction

Thank you for purchasing your BAKER Pressure Calibrator. Please read the following instructions carefully before using your instrument. By following the steps outlined in this manual your product will provide years of reliable service.

## Safety

Never attempt to repair or modify your instrument. Dismantling your product may cause damage that will not be covered under the manufacturer's warranty. Servicing should only be provided by an authorized service center.

## Features

- Squeeze-Bulb design
- Accurate to  $\pm 1.5\%$
- Check-Valve thumb screw provides pressure lock and relief
- Threaded fitting allows for quick and easy connection to unit being tested
- Includes pressure calibrator, flexible hose, threaded fitting and carrying case

## Specifications

Measuring Range:

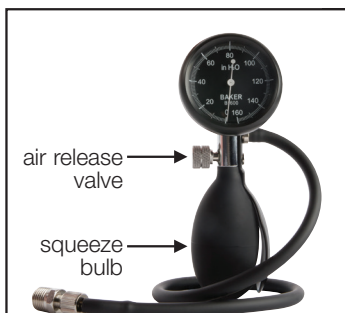
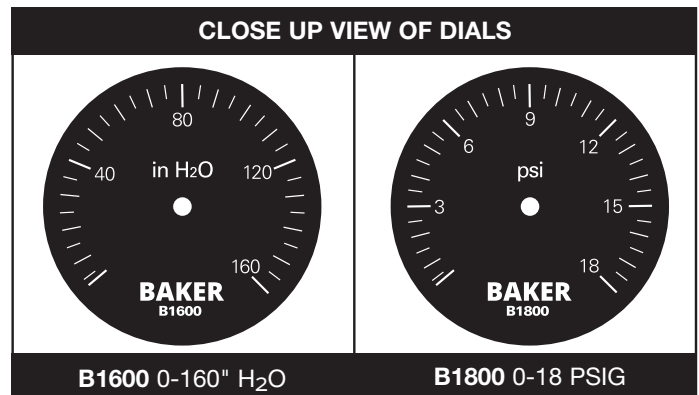
B1600: 0 to 160 inH<sub>2</sub>O  
B1800: 0 to 18 Psig

Accuracy:

**B1600:**  $\pm 2\%$  for 0-40 inH<sub>2</sub>O range of the gauge  
 $\pm 1.5\%$  for 41-120 inH<sub>2</sub>O range of the gauge  
 $\pm 2\%$  for 121-160 inH<sub>2</sub>O range of the gauge  
**B1800:**  $\pm 2\%$  for 0-4.5 psig range of the gauge  
 $\pm 1.5\%$  for 4.6-13.5 psig range of the gauge  
 $\pm 2\%$  for 13.6-18 psig range of the gauge  
Resolution:  
B1600: 1 inH<sub>2</sub>O  
B1800: 1 Psig

## General Specifications

Display: Analog  
Case Material: Plastic  
Dial Diameter: 2" (51mm)  
Belt Clip: Yes  
Wetted Parts Material: Phosphor bronze, Brass  
Hose Length: 50" (1.27m)  
Connection/Mount: Thread  
Thread Type: NPT  
Thread Size: 1/4"  
Operating Temperature: 32 to 104°F (0 to 40°C)  
Storage Temperature: 14 to 122°F (-10 to 50°C)  
Dimensions: 6.5 x 2.5 x 2.5" (165 x 64 x 64mm)  
Weight: 7.4oz (210g)



## Operating Instructions

1. To begin turn the air release valve clockwise as far as it will go in order to close the air release valve.
2. Squeeze the bulb until the dial gauge indicates the required pressure. If the pressure is too high, turn the air release valve slowly counterclockwise until the pressure drops to the required value.
3. Return dial value to zero by opening the air release valve.