

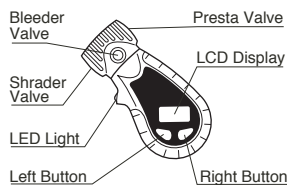
# AirMate Digital Tire Gauge



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## Features

1. Rotating head fits Schrader and Presta valves.
2. Multi-scales: PSI, BAR, kPa, kg/cm<sup>2</sup>
3. Ergonomic body design.
4. Bleeder valve for pressure adjustment.
5. Beeps to confirm positive measurement.
6. Beep indication for pressure adjustment.
7. Back lighted LCD for use in the dark.
8. Bright LED flashlight.
9. Quick Reset for next measurement.
10. Auto shut-off in 60 seconds.
11. 10 seconds warning before auto shut-off.
12. Last measurement memory.



## Instructions

### 1) Identify the Valve, Schrader or Presta

- Remove valve cap from tire, if any.
  - All cars, motor cycles, wheel chairs and most mountain bikes should have Schrader valves.
  - All the racing/road and some mountain bikes have Presta valves. For Presta valves, loosen up top locking tip to inflate or measure.

### 2) Power ON and RESET

- Press any button for more than one second to turn the power ON.
- The LCD will display the last measurement.
- Press the left button for two seconds to reset. Code "1222" will display once and then "0".

### 3) Choose Measuring or Bleeder Mode

- Press the right button for two seconds to enter "measuring mode" or "Bleeder mode". Code "1555" will show once to confirm entering measuring mode and code "1666" for bleeder mode. Numbers are blinking in bleeder mode and not blinking in measuring mode.
- Measuring mode is to measure tire's pressure and the measurement will be saved and displayed until it is reset (step 2C).
- Bleeder mode is to measure the real time pressure during inflating or deflating.

### 4) Choose Desired Measurement Scale

Press right button to select the desired scale from PSI, BAR, kg/cm<sup>2</sup> to kPa. You can change the scale at any time, during or after measuring.

### 5) Measuring Pressure

- Make sure it is in "Measuring Mode". (See #3 above)
- Choose desired valve head and, if necessary, adjust the rotating head to gain better access to the tire valve.
- Firmly push valve head onto the tire valve and hold it on for two seconds. There will be one or two beeps to confirm successful measurement.
- Remove from tire valve to read pressure.
- Before measuring again, press the left button for two seconds to reset.

### 6) LCD Panel Backlight and LED Flashlight

- Push left button once to activate LCD panel backlight.
- Push left button again to turn on LED flashlight.
- Push left button once again to turn off LCD back light and LED flashlight.

### 7) Bleeder Mode (deflating tire pressure).

- If the tire is over-inflated, press down the bleeder valve to deflate and the air in the tire will be leak out slowly. You can do this in either "measuring mode" or "bleeder mode". However, it is better to do this in "bleeder mode" so you can keep track of the tire pressure as you release the air from the tire. Each pair of beeps represent a drop in pressure of about 0.5 PSI.
- Refer to step 3 and enter "Bleeder mode". The numbers begin to blink constantly.
- Firmly push the valve head onto the tire valve and it will show the pressure in the tire.
- Press bleeder valve and count the number of beeps for desired pressure to drop. For example, it takes 6 pairs of beep to deflate tire pressure from 35 PSI to 32 PSI.
- It is advised to remeasure the tire after using bleeder mode. Enter "measuring mode" (step 5) and remeasure the adjusted pressure. If necessary, repeat the above processes for further adjustments.

### 8) Auto Shut-off

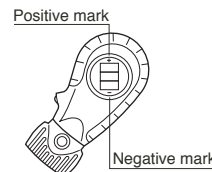
- The tire gauge will shut off automatically in 60 seconds if no buttons are pressed. It will beep at a low tone for 10 seconds before shutting off.
- You may stop the auto shut-off procedure by pressing a button.

### 9) Last Pressure Memory

- Without reset, the tire gauge will save the last pressure reading in the memory for future reference. It will be displayed the next time you turn it on.

### 10) Battery Replacement

- Use a coin to turn the battery cap clockwise approximately 15 degrees. Turn the unit over and tap it so the battery cover will fall out.
- Replace with 3 fresh Panasonic LR44 (or equivalent) batteries.
- After installing fresh batteries, the tire gauge will reset to the default PSI scale and pressure reset to 0.



### Useful Tips

- You can switch between "measuring mode" and "bleeder mode" by pressing the right button for two seconds at any time.
- The Bleeder valve can be used in either measuring or bleeder mode.
- Always remeasure the adjusted pressure after using bleeder mode.

### Note:

- The tire gauge will reset to the default PSI scale and pressure reset to 0 by pressing both buttons at once. Code "1111" will show to confirm the reset. Should any unpredictable conditions happen, you may use this function to reset everything.
- When measuring a Presta valve, loosen the locking tip at the top of valve stem and re-tighten it after measuring.

## Button Definitions

**Long-press:** Press button and hold for approximately 2 seconds.

**Short-press:** Press and release normally.

	Left Button	Right Button	Sound Notify
<b>Short Press</b>	> Backlight ON > Backlight ON, Flashlight ON > Backlight OFF, Flashlight OFF	> PSI > BAR > kg/cm <sup>2</sup> > kPa	No Beep
<b>Long Press</b>	Reset pressure to zero Confirm code: '1222'	<b>Measuring Mode</b> (non-blinking) Confirm Code: '1555'  <b>Bleeder Mode</b> (display blinking) Confirm Code: '1666'	Beep

## LCD display icon



## Useful Information

- 1 bar	= 100 kpa	= 1.0197kg/cm <sup>2</sup>	= 14.504 psi
- 1 kpa	= 0.0102 kg/cm <sup>2</sup>	= 0.145 psi	= 0.01 bar
- 1 kg/cm <sup>2</sup>	= 14.223 psi	= 0.981 bar	= 98.067 kpa
- 1 psi	= 0.069 bar	= 6.895 kpa	= 0.0703 kg/cm <sup>2</sup>

## Confirmation Codes for Long Button Presses

1111- initial mode	1222- clear pressure value
1555- measuring mode	1666- bleeding mode