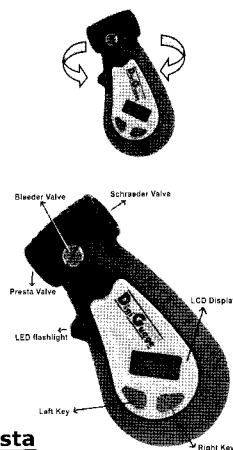


A. Features

1. Schraeder and Presta dual valve system.
2. Multi-scales: PSI/BAR/KPA/KG-CM²
3. Max. accurate pressure Measurement:
OF294 : 180 PSI/12.41 Bar
4. Ergonomic rotating head for easy access.
5. Bleeder valve for pressure adjustment.
6. Beep to confirm positive measurement.
7. Beep indication for pressure adjustment.
8. Back lighted LCD for use in the dark.
9. Bright LED flashlight.
10. Quick Reset for next measurement.
11. Auto-off in 45 seconds.
12. 5 seconds warning before auto-off.
13. Last measurement memory.



B. Instruction for usage

B.1 Identify the valve, Schraeder or presta

1. Remove valve cap from tyre, if any.
2. All cars, motorcycles, wheel chairs and most mountain bikes should have the Schraeder valve.
3. All racing/road and some mountain bikes have Presta valves. For Presta valves, loosen up the top locking tip to inflate or measure.

B.2 Power on

1. For the first time of using, since the battery is already installed, simply pull out the white insulating piece, the power will switch on automatically, "StA" shows on the LCD display first, then all the icons, finally it shows 00, this is called the "Start" status. (see also C.2)
2. If it is not the first time of using, press and hold any key, after seeing "on" or hearing a beep sound then release the key.
3. The numbers displayed on the LCD is the pressure value you last time measured.

B.3 Clear memory of last measurement

1. If you want to make a new measurement, you will have to clear the memory first, by Press and hold any key, after seeing "CLE" on the screen release the key, the pressure will be cleared to 00.

B.4 Choose calculation (CAL) or Adjustment (AJS) mode

1. Press and hold the left key, you will first see "CLE" on screen, do not release the key until you see "CAL" or "AJS". "CAL" means "Calculation" which is the normal mode to measure the pressure, "AJS" means "Adjustment" which is the mode to adjust the pressure by letting the air out.
2. In "CAL" mode, it keeps and holds the maximum pressure readings on the screen even after measurement or when the power is turned off.
3. In "AJS" mode, it shows only the current pressure readings, this means if you take the gauge off the tyre valve, the current pressure will be set to zero as well as the reading on the display. Furthermore, in "AJS" mode the display digit blinks to distinguish this mode from "CAL" mode.
4. If you want to switch back from "AJS" mode to "CAL" mode or the other way around, please repeat process B.4.1

B.5 Choose desired measurement scale

1. Press right button once each time to select desired scale from PSI, BAR, Kg/cm² to KPA. You can change the scale before or after measuring.

B.6 Measuring pressure

1. Make sure it is in the "CAL" mode.
2. Choose desired valve head and, if necessary, adjust the rotating head to best-fit tyre valve.
3. Firmly push valve head onto the tyre valve and hold on, there will be a beep sound every second as the pressure goes higher into the gauge, when there is no beep sound heard anymore the measurement is done. (The average time for this process is about 1 to 3 seconds or beeps).
4. Remove the gauge from tyre valve to read pressure.
5. For next measuring, please clear the memory as mentioned in B.3

Note: When measuring pressure with a presta valve, loosen the locking tip at the top of the valve stem and re-tighten it after measuring.

B.7 LCD panel backlight and LED flashlight

1. Push the left key once to activate LCD panel backlight.
2. Push the left key again to turn on LED flashlight along with the backlight.
3. Push left key once again to turn off both LCD back light and LED flashlight.

B.8 Adjustment mode (deflating tyre pressure).

1. If tyre is over-inflated, press down the bleeder valve to deflate and the air in the tyre will leak out slowly. You can do it in either "CAL mode" or "AJS mode". However, it is better to do it in "AJS mode". In this mode, the current pressure value will be shown on the LCD display.
2. Refer to B.4.1 and enter "AJS mode". The numbers begin to blink constantly.

3. Firmly push valve head onto the tyre valve and it will show the pressure in the tyre.
4. Press bleeder valve and monitor the pressure readings.
5. It is advisable to switch back to the "CAL" mode after pressure adjustment. (Please refer to B.4.1)

Note: Useful tips

- You can jog between "CAL mode" and "AJS mode" (see process B.4.1) at any time, with or without valve head engaged on the tyre valve.
- Bleeder valve is functional in either CAL or AJS mode.
- Always re-measure adjusted pressure after AJS mode.

B.9 Auto off/ manual off

1. Your tyre gauge will shut off automatically in 45 seconds if there is no further activation to any key. It will give low tone beeps for 5 seconds before power-off.
2. You may stop the auto-off procedure by pressing any key.
3. You may also turn off the gauge manually by press and hold the right key until it shows "OFF" then release the key. If it fails to do so, please try again.

B.10 Last pressure memory

1. Before auto off, the gauge will save the last pressure in the memory for future reference. It will show up on the screen when it is next turned on.

C. Battery replacement

C.1 Replace the battery

1. Follow the instruction on the cap, use a coin to turn battery cap clockwise for approximately 25 degree to open it.
2. Replace with one fresh CR2032 battery, the side with characters and "+" mark faces up.

C.2 StA (Start) mode

1. After battery replacement, the gauge will start from "StA mode" (Start mode), which has PSI scale and pressure reset to 0.
2. You can also enter the "StA mode" by press and hold the right key until "StA" shows up on the screen then release the key.
3. Should any unpredictable condition happen, you may use this function to reset everything back to normal.

D. Key definitions

LONG-PRESS: press key and hold for approximately 1 second, a beep sound can be heard.
SHORT-PRESS: Press and release normally, no beep sound heard.

1. When OF294 is off

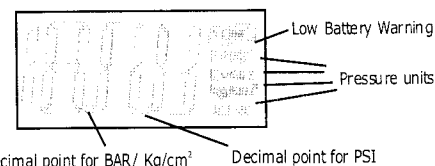
	LEFT-KEY	RIGHT-KEY	Beep sound
SHORT-PRESS	No effect	No effect	No beep
LONG-PRESS	"on"- Turn on TG001	"on"-Turn on TG001	One beep

2. When OF294 is on

	LEFT-KEY	RIGHT-KEY	Beep sound
SHORT-PRESS			
1 st time	Backlight on	Psi	No beep
2 nd time	Backlight on, Flashlight on	bar	
3 rd time	Backlight off, Flashlight off	kg/cm2	
4 th time		kpa	
LONG-PRESS			
1 st time	"CLE"- clear the memory	"CLE"- clear the memory	1 beep
2 nd time	"CAL"-calculation or	"OFF"- turn gauge off	2 beeps
3 rd time	"AJS"-adjustment	manually	3 beeps
	(no function)	"StA" - Start mode'	

E. LCD display icon

Display format
 (not the max. pressure)
 PSI -- 199.9
 BAR -- 19.99
 Kg/cm²-- 19.99
 KPA -- 1999



F. Useful information:

1 bar	=100 kpa	=1.0197 kg/cm ²	=14.504 psi
1 kpa	=0.0102 kg/cm ²	=0.145 psi	=0.01 bar
1 kg/cm ²	=14.223 psi	=0.981 bar	=98.067 kpa
1 psi	=0.068 bar	=6.895 kpa	=0.0703 kg/cm ²

G. Confirming code for long-press key

CLE- clear pressure value
 CAL- calculation mode
 OFF- power off manually

StA- start mode (initial mode)
 AJS- adjustment mode
 on - power on from off mode