

Automatic Tire Inflator

User Manual

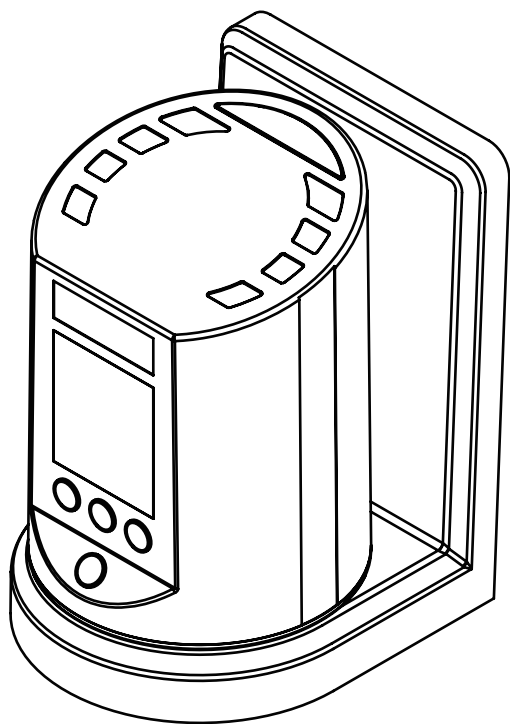
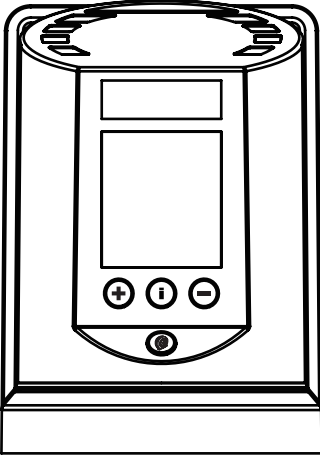


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Chapter I Foreword:

Thank you for choosing Automatic Tire Inflator. Please read fully and understand this Manual before installing and using the product so as to reduce unnecessary faults and damage. If there is anything abnormal during the operation of the machine, please stop using immediately or contact the dealer or after-sales service timely, who will provide you with prompt and complete service.



- 1) Press the "+" or "-" button to set the inflation pressure value, and the inflator will automatically inflate the tire after connection.
- 2) When the set pressure value is reached, the buzzer will beep, and the inflation will stop automatically.
- 3) Press the "i" button once to convert the display unit: Bar/Psi/Kpa/Kgf.
- 4) Press the "i" button twice to start the new tire over-inflation function, and press the "●" button after setting until the inflation starts.

Chapter II Precautions for Use:

- 1) The center power line must be grounded.
- 2) The inlet pressure shall not exceed 12.5Bar to avoid damage to the machine.
- 3) The compressed air must pass through a filter such as an oil-water separator before entering the inflator, so as to prevent corrosion of the internal components of the inflator.
- 4) Do not point the air source or the air outlet at any body so as to avoid personal injury.

Chapter III Operation Methods:

3.1 Functions of Buttons:

- 1 (-) : reduces the target pressure value.
- 2 (+) : increases the target pressure value.
- 3 (●) : Confirmation button.
- 4 (i) : function selecting button.

3.2 Function Settings:

3.2.1 Unit conversion function:

Press (i) once and the current unit flashes. The [SET] icon lights up.

Press (-) or (+) to select the unit you wish to use.

Press (●) to save (the original unit is Bar, and there are four units available: Bar/Psi/Kpa/Kgf).

3.2.2 [OPS] function:

- 1) Press (i) twice, and the [OPS] icon flashes on the screen.
- 2) Press (-) or (+) to select the over-inflation value you wish to achieve and press (●) to save.
- 3) After the over-inflation is set correctly, the [OPS] icon will be displayed on the screen.
- 4) After clamping the chuck on the inflating valve, press and hold (●) until the machine starts to inflate.
- 5) When the buzzer beeps, the inflation is completed. Pull off the inflation chuck.

3.2.3 Special Remarks:

- 1) [OPS] is an over-inflation function for the new tire inflated for the first time so as to make the tire fit tightly with the wheel hub.
- 2) The over-inflation value is equal to the maximum tire pressure minus the standard tire pressure, e.g., for a new tire with a MAX. PRESSURE of 350Kpa (51Psi), the maximum tire pressure is 3.5Bar. So if the standard tire pressure is 2.5Bar, the over-inflation shall be set to 3.5-2.5=1Bar.

***1Bar=100KPa: 1Psi=6.89KPa: 1Bar=1.02Kgf.**

Chapter IV Technical Parameters:

Working range	0.5-12 Bar / 7-174 Psi
Accuracy	+/-0.08 Bar / +/-1 Psi
Maximum intake pressure	12.5 Bar / 182 Psi
AC power supply	AC110-240V (50-60Hz)
Power consumption	Max. 10W
Operating temperature	-10°C -50°C
Humidity	≤95%

Chapter V Fault Analysis:

Fault	Possible causes	Solutions
There is a leakage after connecting the air source	The connection is tight enough	Check the air channel connection
The inflator is working, but no air inflated	The filter or air hose is blocked	Clean the filter and check the air hose
After the pressure is set and the inflator is connected with the tire, the inflator does not start automatically	The air tube is not connected tightly	Check the connection to ensure no air leakage
	At present, the tire pressure is below 0.2Bar	Long press the ● button
The inflator deflates very slowly	The muffler is blocked	Clean the muffler
The LCD displays Er1	The pressure sensor is damaged	Turn off the power and return it to the factory
The LCD displays Er2	The chuck is leaking air	Clamp the chuck to avoid air leakage
The LCD displays Er3	The tire pressure to be inflated is too high, greater than 13 Bar	Stop inflation
The LCD displays Er4	The inlet and outlet ends are connected incorrectly	Connect the two ends correctly according to the inlet and outlet end indication signs
The LCD displays Er5	Low voltage	Check the power supply
The LCD displays Er6	The program calibration data is lost	Return it to the factory
The LCD displays Er7	The program calibration data is lost	Return it to the factory
The LCD displays Er8	The intake air supply pressure is lower than the set pressure value of the pneumatic tire or there is no intake pressure	Check the air supply

Chapter VI Calibration:

This equipment has been calibrated in the factory and has the self-calibration function. If calibration is required, please contact the manufacturer.

Chapter VII Maintenance:

The inflator has precision electronic components such as built-in integrated circuits and pressure sensors. To ensure that it can work normally and safely, rough operation shall be avoided in daily use, and daily maintenance is also essential.

- 1) Check the connected air channel regularly for leakage, and repair in time if any.
- 2) Check whether the oil-water separator is working normally regularly, and drain the water in the oil-water separator in time to prevent the oil in the air channel from entering the inflator, which may damage the inflator or reduce the service life.
- 3) Check the power supply connected to the inflator regularly for potential safety hazards in the circuit.
- 4) Keep the inflator clean and tidy. Often wipe the machine body with a clean soft cloth. Do not splash water or oil on the inflator body, so as to prevent damage to the inflator or other safety accidents.

Chapter VIII List of Parts:

1	Main machine	1
2	Wall mounting board	1
3	7.6m air hose	1
4	Power cord	1 (connected to the main machine)
5	Instruction	1
6	Hook	1
7	Board screw	4 (M4.8*38 screw)
8	Hook screw	1 (M6*38 screw)

Chapter IX Product Warranty:

- 1) The whole machine is covered under one year free warranty, starting from the date of purchase by the user, and the product will enjoy free maintenance throughout the service life.
- 2) The following conditions are not covered under the free warranty:
Damage caused by installation, use and maintenance non-compliant with the product's Operation Instruction; usage under abnormal conditions or man-made damage; the warranty period is expired.

Note: The above daily maintenance shall be carried by professional technicians or trained personnel. In case of a failure, please contact our after-sales service staff or dealers immediately to enjoy professional services. Do not disassemble the inflator by yourself so as to avoid unpredictable condition.

No.

Date

