

HJ931B-JX instruction manual of air inflator

1 Basic parameter:

Voltage: AC220V

Power: $\leq 44W$

Air inlet pressure: 4-10bar

Air outlet pressure: 1-7 bar

Maximum flow rate: 400L/Min(10Bar)

Pressure precision range: $\pm 0.5\%$

Inflation hose: Automatic hose 9.5 meters

Working temperature: $-20^{\circ}C \sim 50^{\circ}C$

Relative humidity: 10%RH~80%RH non-condensing


2 Features of product:


- Preinstalled electron pressure display, safety, accurate and easy operation
- Automatic discharge when over inflation
- Manual air inflation and measuring tire pressure with manual type
- Automatic air inflation with high speed and high level of accuracy
- Buzzing and lighting alarm appears after finishing inflation
- Tyre bead is not sealed with the tyre rim, the loose clamping mouth, the leakage pipeline and air leakage, all the situation above will lead to lighting and automatic alarm during the air inflation. And the inflator can proceed texting job three times at most. The inflator will not execute all the inflation order until the stoppages are absolutely removed.
- Adopting pressure sensor of high accuracy. accuracy 0.5% (full scale reading)
- High reliability and waterproof design, which is attractive and durable.

3 Working scope: air inflation and exhaust for tyre of cars; pressure texting for all tyres. It must be under manual mode and control inflation time strictly on cautious operation if rubber dinghy, airpillow, air-filled toy, ball type and others inflation needed. Manufacturer shall not be liable for any damage or injury caused by failure to comply with these regulations.

4 Selection of operation mode. Long press  to turn into manual mode under automatic mode.

4.1 Every button has different function when it is under manual mode


4.1.1  clip or long press the button to do the inflation work


4.1.2  clip or long press the button to do the exhaust work


4.1.3  clip the button for unit conversion


4.1.4  clip the button to return to the normal working condition

4.2 Every button has different function when it is under automatic mode :

4.2.1  clip or long press the button to increase the setting pressure data

4.2.2  clip or press long the button to decrease the setting pressure data

4.2.3  clip the button for unit conversion

4.2.4  start air inflation or finish air inflation after pause

4.2.5  clip the button to pause air inflation or continue air inflation after pause

5 Function: a, inflation; b, pressure texting for tyres

6 Use method of machine under automatic mode

6.1 Tyre inflation:

- Connect the inflator with the air source (ordinary air/nitrogen) and the power supply.
- Connect the air nozzle of inflator to the air nozzle of tyres and ensure the connecting with no air leakage.
- Setting the inflation pressure data on the control panel of the inflator and the machine will check the current pressure inside the tyre automatically when starting the inflating button. It will add the air pressure automatically when the pressure under the preset value and the computer will discharge the air pressure when the tyre pressure exceeds the preset value. Also , the computer will add the pressure automatically when it is not enough.
- The LED screen will appear the prompt and the buzzing will be heard after finishing the inflation.

6.2 Pressure texting for tyres:

Switch to the manual mode when it is under automatic mode. Connect the inflating hoses to the measured tyres and read the pressure value from the LED screen.

7 Accuracy adjustment.

This machine has gone through the accuracy adjustment before delivery and people no need to do it again. If accuracy down because of wrong operation, please contact the dealer or the relevant sales man.

8 Instruction of “ERR ”alarm

Faults	Causes	Solutions
ER1	The tyre pressure can not reach to/above 0.8Bar after 3times tyre inflating, the alarm indicator sounded.	The air supply pressure is too low
		Electromagnetic valve is working properly
	During the process of inflation, pulled out the tracheal	During the inflation process can't pull out tracheal
	Pneumatic clamping nozzle damage causing leakage	Replace the pneumatic clamping nozzle
ER2	Air leakage during inflating. For example: setting inflating pressure 2bar, but the reading on the pressure display board is always lower than 2bar. The alarm indicator sounded.	No air leakage for tyre nozzle
		No air leakage for the tyre.
		No air leakage for the 10meters inflating hose.
ER3	The automatic texting pressure last time is larger than the present measuring pressure	The air supply pressure is abnormal and unstable
		The tyre valve core didn't open. Check whether the inflating pipe is unblocked.
		The solenoid valve does not work properly
ER4	Over inflating and over exhaust appear in the air pressure within the scope of setting pressure during the inflating.	Only use for tyre inflation of cars, Cannot use the car machine to inflate motorcycle tire
	The air source pressure is not normal	Adjust the air pressure
ER6	The machine is not connected to the air supply, or the air supply pressure is too low	Please check whether the inflator connects with the air source and the air source pressure is enough or not when the preset pressure exceeds the air inlet pressure.
	Connect to tyre before switch on the machine	Switch on machine , setting pressure, then connect to tyre.
ER7	The air source pressure is low	Adjust the air pressure
END	Finishing inflation	

9 Warning

- 9.1 Do not add pressure over the regulatory pressure of tyres
- 9.2 Do not add pressure over the pressure of sensor range
- 9.3 Please use the filterable compressed air
- 9.4 Store the inflator in the dry place when it is not in use and locked it in order not to be touched by children

- 9.5 Pull down the automotive brake (clutch) before using the inflator
- 9.6 Please do not use the klunky and damaged tyres
- 9.7 Do not throw it heavily in order to avoid destroying the circuit board
- 9.8 Do not bend the air pipe during the inflation under the automatic mode
- 9.9 Forbid to put the air pipe towards the mouth, ears , and eyes of human or animals
- 9.10 Forbid the pressure of the car tyre exceed 7Bar and pressure of the truck tyre exceed 13Bar under the manual mode
- 9.11 Laypeople are not allowed to open the rear cover of the machine
- 9.12 Please contact our sales man if you want to install overlength air pipe on the machine.

10 Daily maintenance

- 10.1 Take back the air pipe, turn off the power, cut off the air source when finishing the inflation. Clean the machine in time in order to avoid damaging the accessories.
- 10.2 In order to decrease the oil fog, water and impurity in the compressed air and extend the used time of the air filter element, the air compressor must drain off water three times per week at least. The filter element should replace semiannually.
- 10.3 Cut off the air source to proceed dewatering without pressure if the machine installs the air filter in order to insurance the normal use of the equipment and avoid the idle work of parts.
- 10.4 The compressed air that must be deal with the oil-water separator and the dryer can connect with the inflator in order to avoid the damp part of the machine to influence the use life of the accessories.

Exploded drawing

