

USER MANUAL OF AIR INFLATOR HJS701B

I. Basic parameters:

Air inlet pressure: 4-10 Bar

Power supply: 220 V

Air output pressure: 1-7 Bar





Air hose length suggested: 3-22 Meters

Precision tolerance: 0.02 Bar





II. Distinguishing feature: Ability to test the tire pressure automatically

III. Selection of operation modes: Under automatic mode, long press  to enter manual mode.

Under manual mode, every key, has a different function:

1.  Press this key to start inflating
2.  useless under manual mode
3.  Press this key for unit conversion
4.  Press this key to resume automatic mode.

Under automatic mode, every key has a different function:

1.  Press this key to increase the set value of pressure
2.  Press this key to reduce the set value of pressure
3.  Press this key for unit conversion
4.  Press this key to start or stop inflating

IV. Functions: 1. tire inflating; 2. tire exhaust; 3. tire pressure testing

V. Usage of machine under automatic working mode:

1. Tire inflating:
 - (1) Connect the air inflator with air supply (compressed air or nitrogen) and power supply.
 - (2) Connect the inflating hose nozzle with the tire valve and ensure no air leakage in the connection.
 - (3) Set the needed pressure value on the control panel.
 - (4) Press to start inflating. When the inflation is completed, the air inflator will show prompt



in the LED screen and beep at the same time.

2. Tire exhaust: If over-inflation happens because of error operation or other reasons, please anti-clockwise open the exhaust valve to reduce the tire pressure. In order to ensure the inflation accuracy, please keep the air supply in connection all the time. With the exhaust valve being opened gradually, the air inflator will automatically test the real-time pressure. When the pressure is below the set value, the machine will make up the difference automatically till the set value. Then please clockwise close the exhaust valve.

3. Tire pressure testing: swift the automatic mode to manual mode, and connect the inflating hose with tire. Then the detected pressure value can be read from the LED screen.

VI. Precision calibration. The precision of the air inflator has already been calibrated in the factory and no need to make calcification to this machine again. If precision error happens because of wrong operation, please contact the dealer for help.

VII. Application range:

1. For passenger car tire inflating and exhaust
2. For all types of tire pressure testing

VIII. Prompt instruction

1. Er 1: error 1



Causes:

- (1) The air pressure can't reach 0.8 bar or more after three times inflating.

Solution: Please check if the electromagnetic valve can work normally or not.

- (2) The inflating hose is pulled out during tire inflating, and the air pressure is more than 0.8 bar before tire inflating.

Solution: Please do not pull out the inflating hose during tire inflating.

2. Er 3: error 3



Causes:

- (1) While inflating, the air inlet pressure is almost the same as the set value of pressure.

Solution: Please increase the air inlet pressure min. 3 bar higher than the set value.

(2) While exhausting, the air pressure valve previously tested is higher than the one currently tested.

Solution: Please check if the electromagnetic valve can close completely or not.

3. Er 6: error 6

ERR

Cause: The set value of pressure is higher than the air inlet pressure.

Solution: Please check if the air supply has been connected or the air inlet pressure is enough or not.

4. Out: out of application

OUT

(1) Before inflating, the tire pressure is more than the set value of pressure.

(2) During inflating, 0.1 bar has been overinflated.

(3) The inflated tire is not suitable. The air inflator for passenger cars cannot be used to inflate the tires of motorcycles or smaller tires.

(4) The air inlet pressure is more than the suggested max. pressure (10 bar). This will cause over inflation.

5. End —inflating completed

END

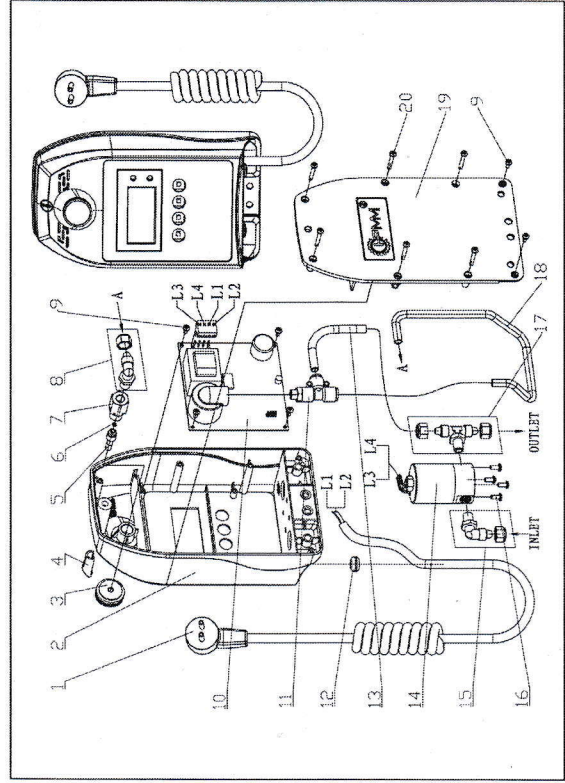
6. Stp —inflating stopped

STP

IX. Warnings

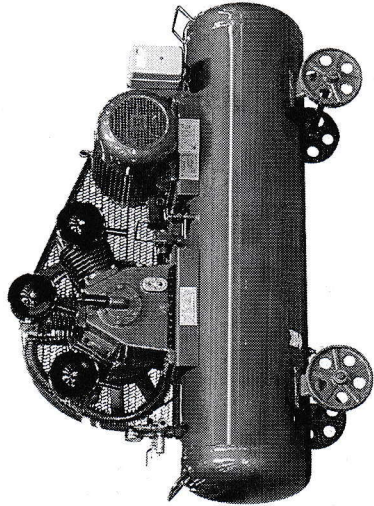
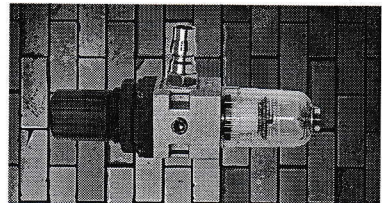
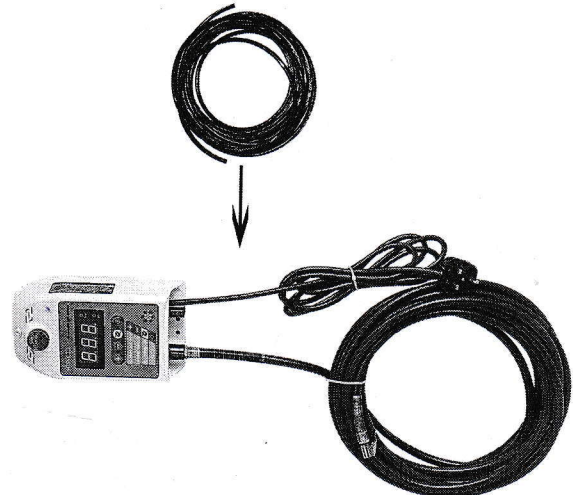
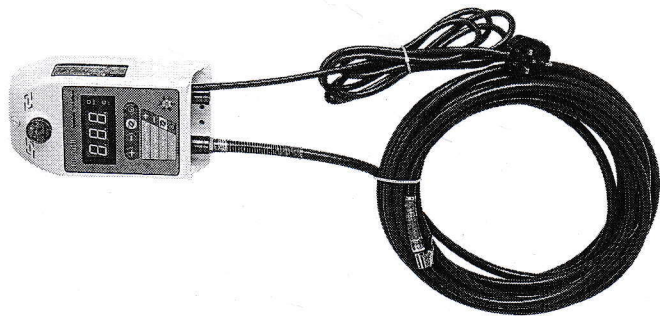
1. Please do not inflate any pressure exceeding the rated tire pressure.
2. Please do not inflate any pressure exceeding the max. air inlet pressure.
3. Please try to use the oil-water filtrated compressed air.
4. Please do not inflate any damaged, worn or retreaded tire.
5. Please do not fall the machine, in order to protect the circuit board from damage.
6. Please contact the dealer or factory if you need lengthen the inflating hose.

X. Exploded Drawing



XI. Parts list

Part No.	Part Name	Qty	Part No.	Part Name	Qty
HJS701_01	power line	1	HJS701_11	three way valve	1
HJS701_02	control box	1	HJS701_12	protective ring	1
HJS701_03	exhaust knob	1	HJS701_13	tube	1
HJS701_04	Screw cap	1	HJS701_14	electromagnetic valve	1
HJS701_05	Exhaust valve	1	HJS701_15	elbow	1
HJS701_06	O seal ring	1	HJS701_16	Mushroom head female hexagon screw	4
HJS701_07	Exhaust valve	1	HJS701_17	three way valve	1
HJS701_08	elbow	1	HJS701_18	tube	1
HJS701_09	screw	6	HJS701_19	cover for control box	1
HJS701_10	circuit board	1	HJS701_20	screw	6



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