

Description

The 52114 Alemlube 240V automatic tyre inflator is highly accurate, reliable and wall mountable with a clear LED digital display. Modern design and robust build qualities set this electronic pressure preset unit apart from lesser featured devices and the auto-start inflation system is a real benefit.

Accurate inflation can be achieved with hose lengths of up to 25 metres and further diagnostics provide essential information to assist efficient workshop practices. A true high performer for today's fast paced service centres.

Specifications

Uses:	Tyre inflation, deflation and pressure testing
Air inlet pressure:	58-145psi (4-10bar)
Power supply:	220-240 V
Air output pressure:	15-102psi (1-7bar)
Air hose length suggested:	3-22 Metres
Precision tolerance:	0.3psi (0.02bar)

Features

Distinguishing feature: Ability to test the tyre pressure automatically.

Operation

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

Under manual mode, every key has a different function:

- i.  - Press this key to start inflating
- ii.  - Useless under manual mode
- iii.  - Press this key for unit conversion
- iv.  - Press this key to resume automatic mode

Under automatic mode, every key has a different function:

- i.  - Press this key to increase the set value of pressure
- ii.  - Press this key to reduce the set value of pressure
- iii.  - Press this key for unit conversion
- iv.  - Press this key to start or stop inflating



Functions

- 1 Tyre inflating
- 2 Tyre deflating
- 3 Tyre pressure testing



Usage of machine under automatic working mode

- 1 Tyre inflating:
 - i. Connect the air inflator with air supply (compressed air or nitrogen) and power supply.
 - ii. Connect the inflating hose nozzle with the tyre valve and ensure no air leakage in the connection.
 - iii. Set the needed pressure value on the control panel.
 - iv. 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 Tyre exhaust: If over-inflation happens because of error operation or other reasons, please anti-clockwise open the exhaust valve to reduce the tyre 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 Tyre pressure testing: swift the automatic mode to manual mode, and connect the inflating hose with tyre. Then the detected pressure value can be read from the LED screen.

Precision calibration

The precision of the air inflator has been factory calibrated, no further calibration is required. If precision error happens because of wrong operation, please contact the dealer for help.

Application range

- 1 For passenger car tyre inflating and exhaust
- 2 For all types of tyre pressure testing

Error prompts

- 1 Er 1: error 1



Causes:

The air pressure can't reach 12psi (0.8bar) or more after three times inflating.

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

The inflating hose is pulled out during tyre inflating, and the air pressure is more than 12psi (0.8bar) before tyre inflating.

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

- 2 Er 3: error 3



Causes:

While inflating, the air inlet pressure is almost the same as the set value of pressure.

Solution: Please increase the air inlet pressure min. 44psi (3bar) higher than the set value.

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



Causes: 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



- i. Before inflating, the tyre pressure is more than the set value of pressure.
- ii. During inflating, 1.5psi (0.1bar) has been overinflated.
- iii. The inflated tyre is not suitable. The air inflator for passenger cars cannot be used to inflate the tyres of motorcycles or smaller tyres.
- iv. The air inlet pressure is more than the suggested max. pressure 145psi (10bar). This will cause over inflation..

NSW
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SA/NT
TEL: (08) 8241 7111
FAX: (08) 8241 7011

NZ
TEL: (09) 447 1007
FAX: (09) 447 1008

5 End: inflating completed

End

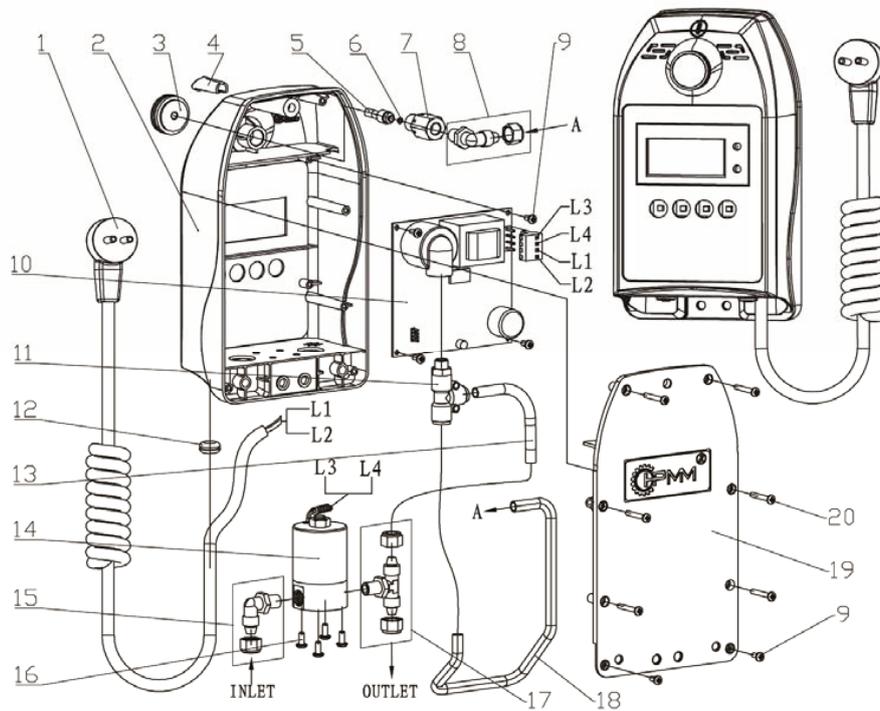
6 Stp: inflating stopped

SEP

Warnings

- 1 Please do not inflate any pressure exceeding the rated tyre 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 tyre.
- 5 Please do not drop the machine, in order to protect the circuit board from damage.
- 6 Please contact the dealer if you need to lengthen the inflating hose.

Parts and Drawing Breakdown 52114



Ordering Spare Parts

Parts List - Part No.52114

Item No.	Part No.	Qty
52114-1	Power line	1
52114-2	Control box	1
52114-3	Exhaust knob	1
52114-4	Screw cap	1
52114-5	Exhaust valve	1
52114-6	O seal ring	1
52114-7	Exhaust valve	1
52114-8	Elbow	1
52114-9	Screw	6
52114-10	Circuit board	1

Item No.	Part No.	Qty
52114-11	Three way valve	1
52114-12	Protective ring	1
52114-13	Tube	1
52114-14	Electromagnetic valve	1
52114-15	Elbow	1
52114-16	Mushroom head female hexagon screw	4
52114-17	Three way valve	1
52114-18	Tube	1
52114-19	Cover for control box	1
52114-20	Screw	6

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