

AP-101 series

ELECTRIC PORTABLE INFLATOR

Operation Manual



Thanks for choosing our electric portable inflator. Please read User Guide carefully before using it.

This product can be applied to cars, bicycles, motorbikes, balls, inflatable toys, etc. Digital intelligent type can gauge to measure the tire pressure and be used as flashlight, the safety hammer type can also break the glass to escape in case of emergency.

Operation Manual

1. Non-rechargeable pump's power can be supplied by connecting car charger with cigarette lighter. Rechargeable inflator should be well charged in

advance.

2. Connect one end of air tube to inflator, plug the other end to tire valve core. For French valve, it should be connected to the French adaptor at first.

3. Press "UNIT" button to set pressure on activated screen.

4. Press "+" & "-" to adjust the target pressure.

5. Press power switch for inflating.

6. Repeatedly press "UNIT" button, the ATMOS will transform to PSI, BAR, KPA, or kg/cm². The screen will show the real data.

7. "+" & "-" are preset keys. Click it for adjusting the target pressure slowly, long press for adjusting the target pressure quickly (Reference pressure : ordinary bicycle is 30~35psi, mountain bicycle is 50~60psi, road bicycle is 80~100psi, car is 28~35psi). Setting will be completed after the screen flicker for 4 seconds, Or press the "UNIT" button to finish setting, Then press power switch for inflating.

8. When inflate to the set point, digital intelligent inflator will stop inflating automatically. And press

power switch, LED light will turn off.

9. After inflation, pull out the tube from valve core and from inflator. Left it in storage of inflator and keep dry.

Product Structure

- ① Inflator
- ② "+" "-" preset key
- ③ LCD
- ④ "UNIT" key
- ⑤ Power switch
- ⑥ Charging port
- ⑦ Air tube
- ⑧ Home adaptor
- ⑨ Car charger



Technical Parameters

- 1. Input voltage: adaptor 15V DC, cigarette lighter 12V DC
- 2. Max current: AP-101 series, 5A;
- 3. Max inflating pressure: AP-101 series, 150psi ;
- 4. Operation temperature: -20°C ~ +60°C
- 5. Size: 54.8(L)×44.8(W)×198(H)mm

6.

1. The factory recommended tire pressure shall prevail, the tire sidewall shows the maximum inflation pressure only in cooling conditions; standard tire pressure information could be found in the following sources: user manual, the driver door label, storage drawer and oil cylinder cover.

2. The pump can not be used for trucks, vans and buses.

3. 1PSI = 0.07kgf/cm² = 0.07bar = 7kPa
1kgf/cm² = 1bar = 98kPa = 14.22PSI

Type	Conditions	Normal Air Pressure (reference)	
	Winter	Front Tire 2.5 kg/cm ²	Back Tire 2.8 kg/cm ²
	Summer	Front Tire 2.2 kg/cm ²	Back Tire 2.5 kg/cm ²
	Ordinary Bike	30-35 PSI	
	Mountain Bike	50-60 PSI	
	Road Bike	80-100 PSI	
	Motorbike	Front Tire 25 PSI	Back Tire 30 PSI
	 Volleyball	6 PSI	
	 Basketball	9 PSI	
Balls	 Football	11 PSI	
Toys		4-6 PSI	

	0~35PSI	12 seconds
	0~45PSI	18 seconds
	0~80PSI	39 seconds
	0~120PSI	75 seconds
	0~150PSI	121 seconds

Note

1. Children are forbidden to use this inflator. Please keep it away from children.

2. Do not use it at inflammable and explosive areas. (eg. Oil station)

3. To keep the products' long lifetime, please have it rest for 8 minutes in every 8 minutes inflating time.

4. Please stop the products for 15 minutes when the temperature is too high or has abnormal noise when inflating.

5. Keep it away from rain, water, falling, bumping.

6. Please have it charged every half year.

7. Make sure the power is enough before using the rechargeable inflator, and check the cigarette plug and fuse before using the non-rechargeable inflator, do not stop the car engine when inflating.

Advice to users

For your and other's safety, please use the air pump and accessories according to the instruction book provided by manufacturer. It may cause dangerous for the using method not mentioned in the instructions book.

WARNING

1. Children are prohibited from using this pump! Keep in a safe place out of reach of children! Never put the trachea into the mouth, ears or eyes of a person or animal. Do not use the pump as a toy!

2. It is forbidden to use this pump in the vicinity of flammable and explosive liquids and gases (such as gas stations and gas stations)! ★ This is very

important! ★

3. Do not walk away when inflating, you must let the machine rest for 35 minutes after 7 minutes of continuous use(car).

4. If there is abnormal noise or excessive temperature during inflation, please shut down immediately and let it cool for at least 15 minutes. Be careful when disassembling the air tube.

5. It is forbidden to immerse in the rain and it is forbidden to hit the impact.

6. When the battery is low enough to start, please fully charge it within 7 days, otherwise the battery may be damaged or attenuated. When charging again, the battery may be bulged or blasted.

Battery use warning

Never attempt to remove or repair the battery by opening the housing. Replacement of the battery should be done by the manufacturer, users should not replace it by themselves.

The rechargeable air cylinder contains a lithium-ion battery and there is a danger of burning if not handled properly.

Do not disassemble the battery, external short-circuit contact, or place the battery at too high or too low temperature (between -10 ° C ~ 60 ° C), do not pour the battery into the water, do not incinerate the battery, otherwise will cause the battery to explode; do not treat the battery as ordinary garbage