



WHEREVER TIRES ARE CHANGED™



Handheld Automatic Tire Inflator 26012

*Operating Instruction
General Specification
Installation and Maintenance*

 YouTube



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26012 - rev. 2021-07-14

Thank you for selecting the Ken-Tool Handheld Automatic Tire Inflator, please read this manual before carrying out any installation or service procedure.

This manual is an integral and essential part of the product, please keep it away from damp, heat, dust, oils, do not remove, tear or amend any parts of the manual for any reason. It must be made available to the operator and to maintenance personnel, also to ensure staff training.

If case of loss or damage, ask the manufacturer for a copy of this manual. The manual must always remain with the inflator, in the event of the inflator being sold, it must be given to the new user.

The manufacturer reserves the right to change product features at any time.

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01 Introduction

Through this manual the following symbols will be used. This information is for your safety and to prevent damage to this product.



CAUTION

The hazard or unsafe practice could result in minor injury



WARNING

The hazard or unsafe practice could result in severe injury or death

02 Control Panel

Switch Functions:

[-] : Reduce final target pressure, Unit Change

[+] : Increase final target pressure, Unit Change,
Manual inflation [SET] : Function Select: Unit
Change/OPS set/Manual inflation

[ON/OFF] : Power on/Power off

[P1]: Default pressure value choice (Initial value
15psi/1bar)

[P2]: Default pressure value choice (Initial value
30psi/2.1bar)



LCD Display:

1. Pressure display
2. Rolling Bar
3. Function select display
4. Unit display

03 26012 Function & Operation

The device includes OPS (over pressure setting), and underinflation notification.

OPERATION

1. Unit Select

Device has four units of measurement to choose from by the user: kpa, psi, bar, and kg/cm². Unit set here will become the default unit for following usage, there is no need to set unit of measure each time.

- A. Press [SET] once, [SET] will be shown on the LCD screen, and the unit will be flashing.
- B. Press [+] or [-] to choose the unit.
- C. Press [SET] to confirm.

2. Set OPS

- A. Press [SET] twice, [SET] and [OPS] will be shown on the LCD screen, [OPS] will be flashing.
- B. Press [+] or [-] to choose the OPS value.
- C. Press [SET] to confirm. [OPS] will be displayed at the LCD screen. OPS will not be displayed if [OPS] is set to zero.

3. Manual Inflation

If tire pressure is lower than 3 psi or 0.2 bar, device will not start automatically.

- A. Press [SET] three times, the current pressure will be shown on the LCD screen.
- B. Press [+] to start manually.

4. Set Default Preset Pressure Value

[P1] initial value is 15psi/1bar, [P2] initial value is 30psi/2.1bar. The preset pressure value can be reset by the user. Once set it will be saved for following usage. But it reverts to the initial value after the unit of measure is reset.

- A. Press [P1] or [P2], [P1] preset value or [P2] preset value will be shown on the LCD screen.
- B. Press [+] or [-] to choose preset pressure value.
- C. Press [SET] to confirm. An audible beep will sound to confirm.

03 26012 Function & Operation (cont.)

5. Inflation and Deflation

- A. Press [P1] or [P2] to select default preset pressure.
- B. Press [+] or [-] to adjust target pressure.
- C. Connect the airhose to the tire, ensure no air leaks, inflator will work automatically.
- D. When inflation is finished, machine will stop automatically and BEEP to remind users.
- E. Disconnect the air hose from tire, finish inflation.
- F. The unit is equipped with an underinflation feature which will not allow automatic inflation if tire pressure is less than 80% of the set pressure unless it is overridden.

6. Power On/Power Off/Backlight

Press [ON/OFF/LIGHT] two seconds to turn on, press [ON/OFF/LIGHT] to turn on backlight when the device power on, press [ON/OFF/LIGHT] three seconds to turn off.

Remark:

- A. Press [SET] to enter the function setting mode. After selecting the unit, press [SET] again to enter the [OPS] setting directly, press [SET] four times and the device will quit out of the setting mode without saving any selection .
- B. When OPS function is on, device will inflate to target pressure plus OPS value first, then deflate to tire pressure desired, for example: A final target of 32 psi or 2.2 bar with an OPS setting of 16 psi or 1.1 bar gives a sum of 48 psi or 3.3 bar. This sum of 48 psi or 3.3 bar is the Over Pressure setting for tire. Tire will inflate to the sum value and deflate to the final target pressure.
- C. During inflation, device will check tire pressure automatically, rolling bar will be on, left to right means inflating, right to left means deflating.



WARNING

To avoid the risk of personal injury, especially to the eyes, face or skin. DO NOT direct the air steam at any person.



WARNING

This equipment is not intended for use by children without adult supervision.



WARNING

When using the OPS function, the sum pressure must not exceed the tire manufacturer's maximum inflation pressure.

04 Troubleshooting

PROBLEM	POSSIBLE CAUSE	SOLUTION
Air leak	Leak in the connection	Check the hose connections
The inflator works, But no air inflated	Obstruction in filters or in air system	Clean the filters and check the air tube
No display	Dead battery	Recharge battery
Inflation does not start, although the pressure is set and the hose is connected with tire	Air hose improperly connected	Check the hose connection, make sure that there are no air leaks
	Tire pressure is below 0.2bar (3psi)	Manual inflation
The unit deflates very slowly	The silencer plug on is blocked	Remove and clean the silencer plug
Err1	Pressure sensor broken	Power off, change pressure sensor
Err2	Unstable pressure, faulty hose connector	Replace hose connector or re-connect hose to the tire
Err3	Connected Tire pressure is too high pressure > 12bar (175psi)	Stop inflating this tire
Err4	Wrong connections at air inlet and outlet	Refer to wiring diagram and connect magnetic valve accordingly
Err5	Battery low	Please recharge the battery
Err8	Air supply lower than set inflate pressure	Stop inflating this tire

05 Maintenance

1. Daily Maintenance
The device does not require particular maintenance, routine checking of the hose is suggested. Daily maintenance should be carried out by qualified personal.
2. Special Maintenance
All the maintenance not included in Daily maintenance are special maintenance, which should be done by qualified personal. Authorized agent could be contacted for it.
3. Warranty
This Handheld Automatic Tire Inflator is warranted for 1 year from the date of invoice, except for that the products has been damaged by misuse, faulty installation, incorrect maintenance or accidental damage, unauthorized modification or repair, force majeure. Warranty does not cover air hoses, hose connectors (hose chucks).

Note:

- A. When battery power is only at one bar, please charge it soon to avoid Err5.
- B. All faulty PCBs that are within the warranty period are to be returned to factory for assessment and repairs. PCBs with are found to be burnt due to water damage will not be covered under any warranty.

06 General Specifications

Inflation Range:	0.5-12bar (1200kpa/174psi/ 12kg/cm2)
Accuracy:	+/-0.02bar (+/-0.3psi)
Max Inlet Air Supply:	12.5bar (180psi)
Supply voltage:	DC 12V rechargeable battery
The charger voltage:	AC 110-240V (50-60Hz)
Watt:	12W Max.
Working Temperature:	-10°C-50°C (14°F-122°F)
Relative Humidity:	up to 95% RH non-condensing

Can be used with the following Ken-Tool Products:



**36007 PORTABLE WIDE BASE
AND STANDARD 2-BAR CAGE**



36006 3-BAR CAGE



36002 4-BAR CAGE



**26100, 26065, 26032 PREMIUM
HYBRID AIR HOSES**



**31443, 31444, 31445 MEGA
AIRBLAST® BEAD SEATERS**

THIS INSTRUCTION MANUAL CONTAINS IMPORTANT SAFETY INFORMATION.

READ CAREFULLY AND UNDERSTAND ALL INFORMATION BEFORE OPERATING THIS TOOL!

SAVE THIS MANUAL FOR FUTURE REFERENCE.



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