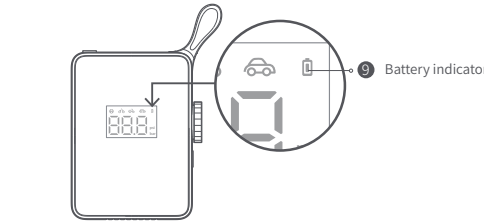


01 Product Overview

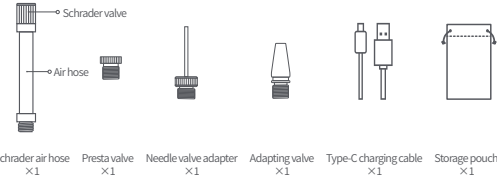
Read this manual carefully before use, and retain it for future reference.
Thank you for choosing HOTO Portable Electric Air Compressor.
The air compressor generates an operating noise of 75-80dB. Please take appropriate precautions to protect your hearing. The air compressor and air hose will get very hot after running for a long time. Please cool it before use again. This product is not a toy and should not be used by children.

Components

- 1 Air hose connector
- 2 Light
- 3 Heat dissipation vent
- 4 Display
- 5 Mode key/numeric knob/
unit toggling function key
- 6 Light On/Off button
- 7 Power/start-stop key
- 8 Charging port



Accessories



02 How to Use

Battery Level Indicator & Charging

Battery Level Indicator

- White indicator ON (battery capacity $\geq 60\%$)
- Orange indicator ON (30% $\leq$ battery capacity $<60\%$)
- Red indicator ON (battery capacity $<30\%$). Charging is required.

Charging State

Fully charge the air compressor before first use. Connect the charging cable to a 5V USB charger (sold separately) to charge the HOTO Portable Electric Air Compressor.

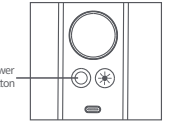
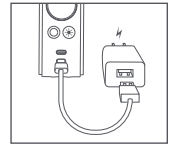
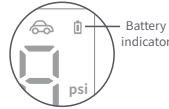
Battery level indicator while charging

- Red indicator flashing (flash every 3 seconds): charging
- White indicator ON: fully charged

Note: The air compressor cannot be used while charging.

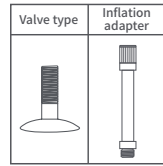
Turning On

Press the "Power" button for two seconds, and the air compressor will start inflating automatically. Short press again and the air compressor will start working. If the air compressor is not operated for 3 minutes after power-on, it will automatically power off.



Connecting the high-pressure air hose to the air valve

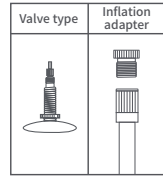
Schrader valve



Mountain bicycles, electric bicycles, motorcycles, and cars will be equipped with a "Schrader valve".

- Inflate: Directly connect the air compressor to a "Schrader valve" for inflation.
- Deflate: Use an appropriate tool to press the needle valve adapter inside the air valve for deflation.

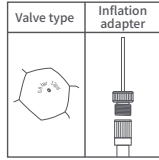
Presta valve adapter



Road bicycles and certain mountain bicycles may use a "Presta valve".

- Inflate: Unscrew the Presta valve, connect the "Presta valve" for inflation. After inflation, screw on the valve.
- Deflate: Unscrew the Presta valve, and press the screw for deflation.

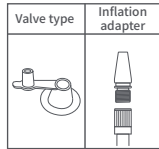
Needle valve adapter



The "needle valve adapter" should be used to inflate balls like basketballs and footballs.

- Inflate: Screw the "needle valve adapter" onto the "Schrader valve", and insert the needle into the air hole for inflation.
- Deflate: Insert the "needle valve adapter" into the valve of the ball for deflation.

Adapting valve



Swimming ring and other inflatable items should use a "Adapting valve" when inflating.

Detecting Air Pressure

The current air pressure will automatically be displayed after the air hose is connected to an item while the air compressor is powered on.

Determining the Correct Air Pressure

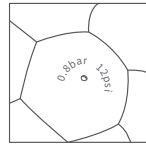
To ensure safety and prevent injuries from bursting items due to over-inflation, always refer to the user manual or relevant directions accompanying the item to be inflated before inflation, in order to determine the correct air pressure.

Tires



The recommended air pressure of tires for cars, bicycles, and motorcycles is indicated on the sidewall of the tire.
The recommended tire pressure for cars is also indicated on the driver's side door jamb. For details concerning load carrying capacity and recommended air pressure, refer to your vehicle's instructions or manual.

Balls



The recommended air pressure for footballs, basketballs, volleyballs, and other balls is indicated near the ball's air valve.

Air Pressure Reference Table

Category	Type	Recommended Pressure Range
Bicycles	12-, 14-, and 16-inch bicycle tires	30-50psi
	20-, 22-, and 24-inch bicycle tires	40-50psi
	26-, 27.5-, and 29-inch mountain bicycle tires	45-65psi
Motorcycles	700c road bicycle clincher tires	100-130psi
	700c road bicycle tubular tires	120-145psi
Motorcycles	Motorcycle and electric motorcycle wheels	1.8-3.0bar
Cars	Car tires	2.2-2.8bar
Balls	Basketball	7-9psi
	Football	8-16psi
	Volleyball	4-5psi
	Football	12-14psi

Note: Pressure range values are for reference only. Please refer to the user manual of the item being inflated. (The data above is from the lab of HOTO.)

Presetting Pressure

Mode toggling

Press the "Numeric Knob" ⑤ to toggle between the five inflation modes below. Select the preferred air pressure unit before inflating. Press and hold the "Numeric Knob" to toggle between psi and bar.

No mode indicator ON: User-specified pressure presetting (pressure value and unit will be saved)
Adjustable range: 3-150psi

Indicator ON in ball mode: default 8psi
Adjustable range: 4-16psi

Indicator ON in bicycle mode: default 45psi
Adjustable range: 30-65psi

Indicator ON in motorcycle mode: default 2.4bar
Adjustable range: 1.8-3.0bar

Indicator ON in car mode: default 2.5bar
Adjustable range: 1.8-3.5bar

Adjusting the Preset Pressure



After selecting the scenario mode, turn the "Numeric Knob" clockwise to "+" and counterclockwise to "-" to adjust the preset pressure value.
When adjusting a preset pressure, the number flashing indicates the target pressure, and after flashing for 5s, the number being "ON" indicates the real-time pressure.

Light



Short press the "Light ON/OFF" button to turn the air compressor's light on/off. The light makes it easy to see in the dark when you have any operations, such as connecting the air compressor to a valve.

Inflating

Start Inflating



After power-on, short press the "Power" button to start inflation, and the digital display will show the real time pressure change during inflation. When inflating, the air compressor will generate an operating noise of 75-80dB. Please take appropriate precautions to protect your hearing.

Stop Inflating



Once the preset pressure has been reached, the air compressor will automatically stop inflating. The air compressor can also be stopped at any time while inflating by short pressing the "Power key".

Battery and Battery Life

The battery of the air compressor will last about 30 minutes on a full charge running without a load at an ambient temperature of 25 °C. Using the air compressor under a heavy load or at higher ambient temperature may reduce its battery life.

Removal of Air Hose

The air compressor's air hose may get very hot after inflating. To prevent injuries, exercise caution when removing it from a valve. Some air may leak out of the valve when removing the air compressor. To avoid air leakage, quickly remove the air hose from the valve.

OFF



After power-on, press and hold the power button for about 2 seconds to power off the air compressor.
If the air compressor is not used for 3 minutes, it will automatically power off.

03 Precautions

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The air compressor has a built-in non-removable lithium battery and should never be exposed to fire or improperly disposed of. The exposure of the lithium battery to extreme heat, impact or water may cause fire, spontaneous combustion, and even explosion. Do not expose the air compressor's battery to high temperature conditions, such as leaving it in a car in direct sunlight.
- The air compressor should not be stored at temperatures below -10 °C or over 45 °C. Exposure to extreme heat or cold will shorten the air compressor's service life and damage the built-in battery.
- Leaving the air compressor unused for a long time may harm the battery, it is recommended to charge the air compressor at least once every three months.
- The air compressor has a built-in DC motor which may produce electrical sparks when running. Thus, it should never be used in flammable or explosive environment.
- If the air compressor makes an unusual noise while running or starts to overheat, turn it off immediately.
- Always make sure the correct air pressure unit is selected before setting the air pressure to prevent accidents such as tire burst.
Common unit conversion: 1bar=14.5psi, 1bar=100kPa.
- Always monitor the air compressor during usage and never leave it unattended when using it to avoid over-inflating when there is no preset pressure.
- Only use the air compressor in a clean and dry environment. Intrusion of dirt and dust may cause damage to the air compressor. The air compressor is not waterproof and should never be rinsed with water.

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

We Shanghai HOTO Technology Co., Ltd., hereby, declares that this equipment is in compliance with the applicable Directives and European Norms, and amendments.

Federal Communications Commission Supplier's Declaration of Conformity

This supplier's declaration of conformity is hereby for Product: HOTO Portable Electric Air Compressor Model Number(s): QWCQB001 Brand/Trade: HOTO We declare that the above mentioned device has been tested and found in compliance with CFR 47 Part 15 Regulation.

04 Troubleshooting

Error	Solution
Slow inflation speed	1. Check whether the air compressor's battery level is sufficient. 2. Check whether the air hose is leaking. 3. Check whether both ends of the air hose are securely connected. 4. Check whether the item that is being inflated is leaking.
Inflation failure after power-on	1. Check whether the air compressor's battery level is sufficient. 2. Check whether the current tire pressure exceeds the preset one.
Failure to increase or decrease the preset pressure	Make sure the air compressor is set to the correct mode. Select the free mode with no icon ON to adjust the preset value within a range of 3 - 150 psi.
Normal inflation but the pressure displays zero	The pressure of low-pressure inflatables including balloons is too low to be measured.
Air compressor power-off after connecting the air hose to a valve	Press and hold the "Power/start-stop key" button to power on the air compressor again.
Air leakage when connecting the air hose	Make sure the air hose is securely connected.
Different color of the battery level indicator when inflating and on standby	The lithium battery's voltage level significantly drops when discharging power, causing the battery level indicator to have a different color when inflating compared with standby state. This is normal.
The display shows E01	The voltage from USB connector is abnormal. Please use a 5V charger.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Representative of Responsible Party for SDoC Company: Shanghai HOTO Technology Co., Ltd. Address: Building 45, No.50 Moganshan Road, Putuo District, Shanghai, China Country: China Telephone No.: 400-021-8696

05 Specifications

Name: HOTO Portable Electric Air Compressor
Model: QWCQB001
Standard: Q31/0107000203C001-2021
Item Dimensions: 158.5×116×44mm
Inflation pressure range: 0.2-10.3bar/3-150psi
Operating temperature: charging: 0°C ~45°C , discharging: -10°C ~45°C
Storage temperature: -10°C ~45°C
Dimensions of air hose: air hose length including its valve adapter is 200 mm (excluding thread)
Battery capacity: 2500mAh
Operating noise level: Less than 80dB at a distance of 1 m
Input: 5V=2A
Charging port: Type-C
Charging duration: 3.5hours
Sensor accuracy: ± 2 psi

Manufacturer: Shanghai HOTO Technology Co., Ltd.
Address: Building 45, No. 50, Moganshan Road, Putuo District, Shanghai, China

