

USER MANUAL

Mini compressor 12V/220V



You can also watch the video instructions on our page :
www.oxsea.com.au/school



WWW.OXSEA.COM.AU

READ BEFORE USE

Working with compressed air can be dangerous !

You need to read these instructions fully to familiarise yourself with the operation of the compressor before using it. Misuse of the compressor could result in personal injury or equipment damage.

Here are some advice you should keep in mind:

The max charging pressure of the compressor is 4500psi/310bar, do not fill over 4500psi.

Although the compressor has auto shut off function, it is still recommended that you do not have leave the compressor unattended.

The pressure of OXSEA cylinders is below 4500psi. So do not overcharge your OXSEA cylinders beyond the 3000psi limit.

The compressor is only designed to fill cylinders of up to 1 litre.

Do not disconnect the high pressure hose when it is with pressure

It is better to use the compressor in a ventilated environment

Always keep in mind to release the air in the high pressure hose after filling, otherwise it will affect the accuracy of the pressure sensor

INITIAL SETUP INSTRUCTIONS

- **Select a suitable space for your compressor to be unpacked.**
- **Carefully remove your compressor and other contents from the box. Visually inspect the compressor for any shipping damages before continuing onto the next steps.**
- **Attach the fill whip to the compressor's quick disconnect outlet on the front side of the compressor, above the vent screw and burst disk.**
- **To power the compressor, first decide whether you will be using a 220V or 12VDC power source. The AC power wire is black and will be plugged into the black terminal on the back of the compressor. The 12VDC power cables are red & black, and will be plugged into the yellow terminal on the back of the compressor. Plug the selected cable into the compressor.**
- **If using AC power, Plug the end of the power cable into a wall outlet.**
- **If using 12VDC, attach the BLACK cable clamp to the NEGATIVE battery terminal and the RED cable clamp to the POSITIVE battery terminal.**
- **The Digital display will illuminate and show system voltage. Operating voltage is 11-14V.**

DIGITAL DISPLAY

- Pressure sensor accuracy: ± 2 bars.
- Three-button control, easy and convenient.
- Ultra-sensitive and precise control preset pressure automatic shutdown (accurate control range 50-300bar).
- Built-in temperature sensor to protect the compressor from over heating, it will auto shut off if the temperature is too high.
- Accurately detect and display the power supply voltage. The air pump will automatically stop working when the voltage is lower than 10.5V. Effectively protect the car battery from being over-discharged and unable to start to break down.
- The system automatically detects the abnormal condition of the air compressor, if the motor is overloaded, it will stop working to protect the motor.

PART IN THE BOX

- 12V/220V Compressor



Compressor

- High pressure hose

High pressure hose



- 12V power connection cable

Accessories bag



- 220V power connection cable

12V power connection cable



- Accessories bag

220V power connection cable

FIRST RUN AND TEST LEAKING

When you receive the compressor, if you find that the compressor is not filling your Oxsea cylinder, you can also perform a leak test.

- 1. Connect 12v(or 220v) power connection cable to your compressor, then connect the correct terminal with the 12v battery(or wall outlet).**
- 2. Connect high pressure hose with the compressor air outlet and insert the test plug(in the accessories bag).**
- 3. The default pressure of the compressor is 250bar, fasten the bleed adaptor, then press on/off button. When the pressure reach to 200bar, push the on/off button. If the pressure dropping fast from 200bar, then it is leaking, please check bleed valve and high pressure hose. If the pressure drop slowly or doesn't drop, then it is not leaking, release the bleed valve.**
- 4. If a leak is found, tighten any loose fittings and/or replace any damaged fittings, seals, or hoses. If a leak is determined to be inside the compressor, please contact us.**

FILL INSTRUCTION

12V instruction

- 1. Connect 12v power connection cable to the compressor, then connect the RED to the positive(+) terminal and BLUE to negative(-) terminal. The internal cooling fan is on after power connected.**
- 2. Connect the high pressure hose to the compressor and the other end to the airguns or air tanks.**
- 3. The initial set pressure is 250bar, you will need to press "+" or "-" to set the pressure you need. For example for Oxsea cylinders, you need 200 bar (3000psi), press the "+" or "-" button.**
- 4. After the pressure set, fasten the bleed valve, then push on/off button to start filling**
- 5. When the pressure reach to set pressure, the compressor will auto shut off. Then release the bleed valve, after all the air comes out, disconnect the high pressure hose with airguns or air tanks.**
- 6. Pack up your compressor for next filling**

FILL INSTRUCTION

220V instruction

- 1. Connect 220v power connection cable to the compressor, then connect the the power connection cable to the wall outlet. The internal cooling fan is on after power connected.**
- 2: Connect the high pressure hose to the compressor and the other end to the airguns or air tanks.**
- 3: the initial set pressure is 250bar, you will need to press "+ or -" to set the pressure you need. For example for Oxsea cylinders, you need 200 bar (3000psi), press the "+ or -" button.**
- 4: after the pressure set, fasten the bleed valve, then push on/off button to start filling**
- 7. When the pressure reach to set pressure, the compressor will auto shut off. Then release the bleed valve, after all the air comes out, disconnect the high pressure hose with airguns or air tanks.**
- 8. Pack up your compressor for next filling.**

Note: Although the compressor has auto shut off function, but do not leave it unattended. Do not over charge your air gun or air tank. Always cool the compressor at least 20 minutes after each filling.

Once filling completed each time, it is recommended for you to release the air earlier if possible. This will make the compressor function better.

CONTACT

IF YOU HAVE A PROBLEM WITH YOUR COMPRESSOR PLEASE CONTACT OUR SERVICE DEPARTMENT FOR ASSISTANCE:



after-sales@oxsea.com.au



+61 8 7140 1796



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