

INHALO[®]

Medical oxygen

Step by step
Operating guidelines

faster
safer
robust
reliable

BOC: Living healthcare

 **BOC**
A Member of The Linde Group



1 Check product label to ensure you have the correct gas.

⚠ Always use the label as the primary means of identification.

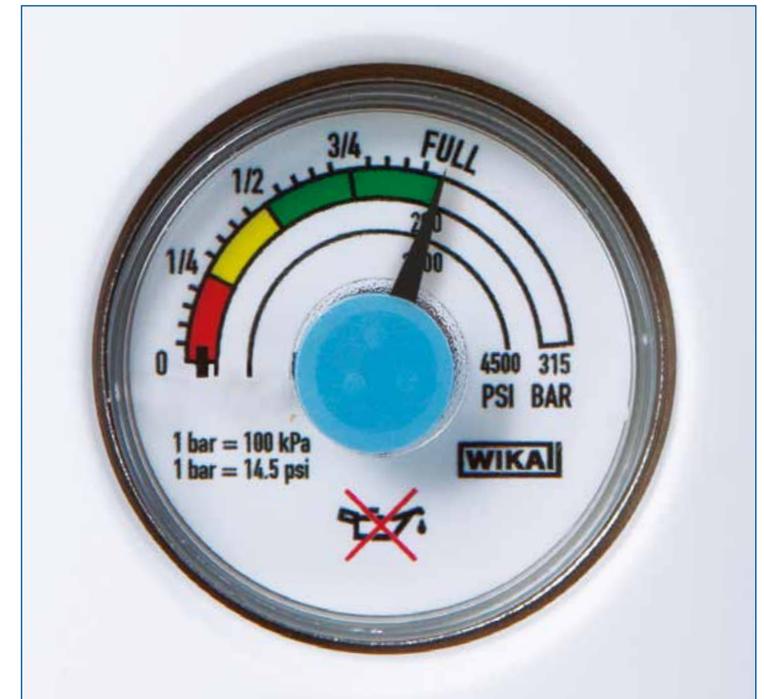


The product label is fixed to the cylinder body and contains important information; gas code, UN number, cylinder size, cylinder contents, cylinder capacity, safe handling notes and safety precautions relating to the gas contents.

- 2 Check there is sufficient contents for your requirements.



The contents gauge is easy to read and provides a clear indication of when the cylinder is full (green zone), partially full ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$), or when you should consider changing the cylinder (red zone). The gauge is constantly live which saves time and wasted gas when checking the cylinder contents.



3 Turn flow selector to zero.



The flow selector is designed for maximum grip and ease of use, and is used to select gas flow (0–15 lpm).

Rotate the flow selector to align the desired flow rate value above the barbed outlet: rotate clockwise for higher flow settings, and anticlockwise for lower settings and to return to zero.

The flow selector should be set to zero when not in use, before opening the cylinder for the first time, or when using the the pressure outlet (BS Schrader) on its own.



0 lpm



10 lpm



15 lpm

4 Connect tubing to barbed outlet

This outlet is for connecting therapy tubing, mask or cannula to the variable flow selector.

 When using both the barbed outlet and high flow (up to 70 lpm) from the pressure outlet, change the cylinder no later than quarter full.

Do not use both outlets for pressure outlet flows greater than 70 lpm.



Remove security seal (shrink wrap or pull tab) to access outlets and the hand wheel. Check that the flow selector is set to zero, refer step 3. Attach therapy tubing, mask or cannula directly to the barbed outlet. This will allow you to deliver gas to the patient after the handwheel is opened, refer step 5, and the flow selector is set to the required flow setting, step 6.

The barbed outlet is suitable for a tubing diameter of 6 mm.



- 5 To open the cylinder valve slowly rotate the handwheel in an anticlockwise (+) direction fully, then a quarter of a turn clockwise (-), as illustrated.



The handwheel is used to provide gas to both the barbed outlet once a flow setting has been selected, and the pressure outlet (BS Schraeder) once equipment has been attached to the pressure outlet.

The barbed and pressure outlets work independently of each other. There are special conditions for using the barbed outlet and the pressure outlet at the same time, refer caution step 4.

- 6 Rotate the flow selector to the desired flow rate for your application.



0 lpm



10 lpm



15 lpm



The selector knob is used to deliver variable gas flow (0–15 lpm) to the therapy tubing.

Rotate the flow selector to align the desired flow rate value above the barbed outlet: rotate clockwise to select higher flow settings, and anticlockwise for lower flow settings and to return to zero.

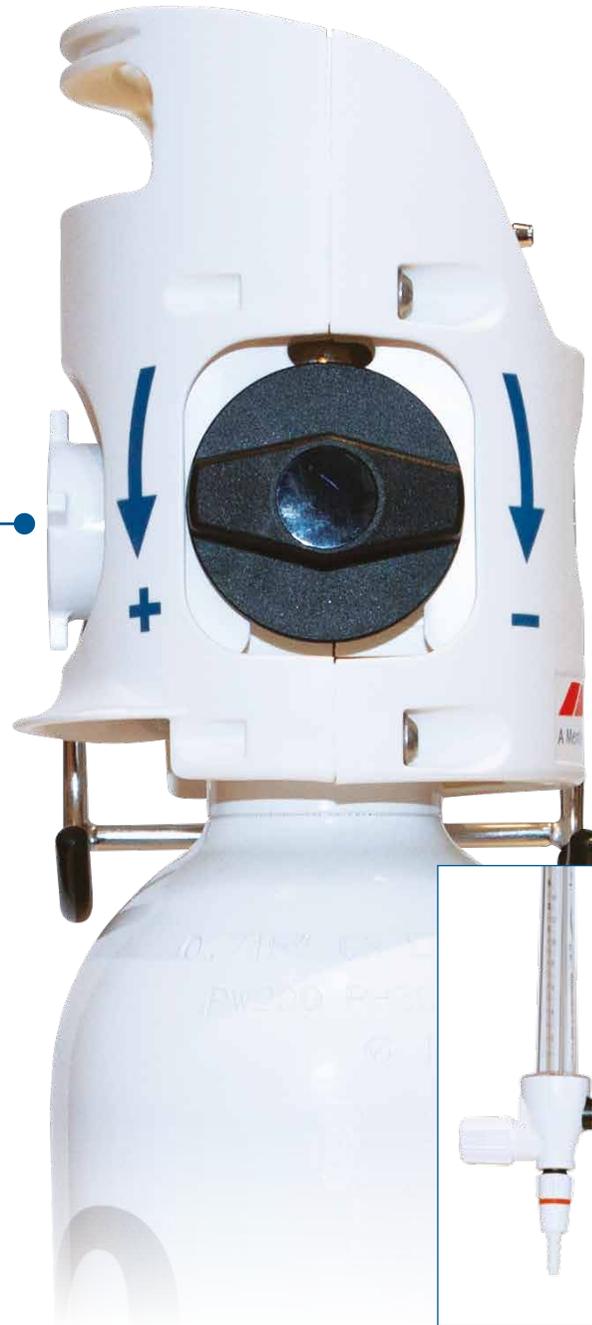
Always place the flow setting directly over the barbed outlet and ensure it clicks into place. The oxygen flow cannot be controlled if the setting is improperly selected.

If using the pressure outlet (BS Schrader) on its own, ensure the flow selector is set to zero.

7 Connect equipment to pressure outlet

The pressure outlet is for connection of additional equipment; high, low and standard range, venturi suction devices, and pediatric or neonatal dial flow meters.

CAUTION: When using both the barbed outlet and high flow (up to 70 lpm) from the pressure outlet, change the cylinder no later than quarter full. Do not use both outlets for pressure outlet flows greater than 70 lpm.



The pressure outlet (BS Schrader) is used in conjunction with the handwheel to deliver gas (4 bar) to attached equipment. Gas will not flow from the pressure outlet unless equipment is attached to it and the handwheel is opened. This outlet delivers gas independently of the barbed outlet. Please note there are special conditions for the simultaneous use of the barbed outlet and pressure outlet, refer caution step 4.

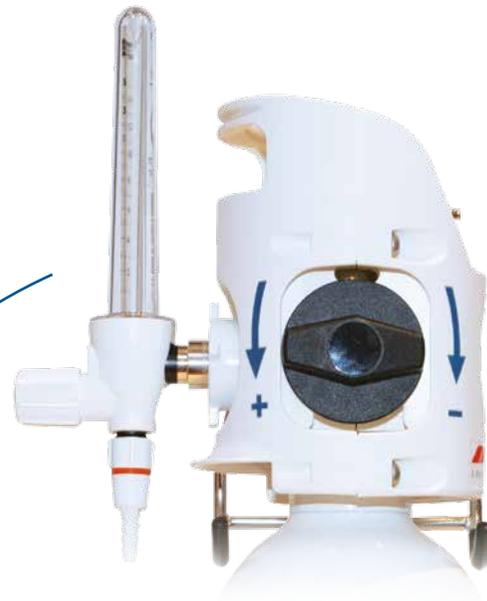
Ensure that the flow selector is set to zero, refer step 3, then use the BS Schrader probe on your equipment to attach directly to the pressure outlet, ensuring it clicks into place securely. Open the handwheel, refer step 5, to ready your equipment for use.



After use.



a Slowly close the handwheel by rotating in a clockwise direction (towards the negative sign) until it stops, as illustrated. Do not use excessive force.



b Depressurise the system by opening any attached equipment to evacuate trapped gas.



c Select 10 lpm and allow any trapped gas to evacuate, then set to zero.



d Remove equipment by twisting outer wheel to eject, remove tubing, and if empty return to BOC.

Carry handle

The carry handle has been ergonomically designed to provide a balanced and safe carry point for the INHALO® device. The handle and guard act as protection for the integrated flowmeter should the cylinder be accidentally knocked over.

Cylinder fill port



CAUTION: The cylinder fill port is for BOC use only. DO NOT TAMPER with this as serious injury may occur.



Bed hanger

To use hanger swing up and place over solid bar of bed or cart ensuring secure placing. Do not hang on unstable surfaces, instead use an appropriate carry bag or bracket. When finished with cylinder fold down for transport.

Faults and performance issues

If the above instructions are followed in sequence the INHALO® will work as described every time. Should however you suspect any performance issues please contact BOC on the contact details provided below.

For more information,
or to contact BOC please go to:
www.inhalo.co.nz

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Homecare: 0800 699 227

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