



# Knowing when it's time to change. LIV<sup>®</sup> IQ.

The leading gas cylinder with a digital flow and time display.  
Shows immediately remaining time down to the minute.



Linde: Living healthcare

# Providing mobile oxygen therapy. For your peace of mind.



Now, there is no guess work when estimating cylinder content.

LIV® IQ – the new intelligent oxygen cylinder from Linde Healthcare – calculates the remaining time according to the gas content in the cylinder and the set flow rate. The result is displayed on a large and clear digital display together with the gas level, the set flow rate and condition icons. With this new generation of valves and integrated pressure regulators, Linde Healthcare is moving mobile oxygen therapy into the digital age and LIV IQ will set a benchmark within this treatment setting.

Mobile oxygen therapy assists in numerous situations, i. e. the emergency care, intensive care or patient transportation, which will all benefit from

- peace of mind from a display showing immediately remaining time down to the minute
- enhanced patient safety through audible and visible alerts
- efficient, cost-effective use of cylinder contents

LIV IQ is administered for oxygen therapy administered to treat or prevent hypoxemia (not enough oxygen in the blood).

# 10



With LIV IQ you will always know when it is time to change the cylinder. The digital flow and time display gives important information and clearly indicates when a critical gas level is reached, enabling you to focus on the patient rather than spending valuable time monitoring the cylinder.

LIV IQ – Simply clever.

# LIV IQ for optimal oxygen therapy. Because we take patient safety seriously.



## 1 Prominent digital display for easy and clear interpretation

An “at a glance” digital display with all the information you need. The remaining time is positioned prominently next to an easy-to-read content bar graph, which is always active, enabling you to use the cylinder down to the minimum. Flow in litres per minute and condition icons are clearly indicated. Visible and audible alerts appear in critical situations.

## 2 Flow settings to comply with prescription

LIV IQ has 12 flow settings, including the “0” position. If the knob is between two settings, the gas flow still continues, a warning icon on the display appears and an audible alert will sound.

## 3 LIV IQ is MRI conditional

The cylinders are compatible for use during MR imaging (up to 3 Teslas). They can get as close as 30 cm to the opening of the magnet. The lightweight cylinders come in various convenient sizes, and cater for all treatment environments and patient needs.





**4 On / Off valve for additional reassurance**

The display provides a visible and audible warning signal, if the user forgets to open the main shut-off valve, enabling safer and quicker set up.

**5 Quick-Connector provides a simple and secure set-up**

Ultimate adaptability is provided using the Quick-Connector that makes linking the cylinder to mobile devices simple and straightforward, while ensuring the same working pressure as provided by the wall outlet.

**6 Ergonomic design for easy handling**

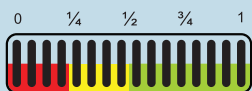
The new design makes LIV IQ easy to lift and carry. The ergonomic design guarantees easy positioning in every situation.

# Large digital display with all relevant facts. Giving you safe guidance during patient treatment.

## Functionality in use

0:15  
hrs min

Shows gas time remaining



Bar graph shows the remaining gas level in the cylinder

10 ltr/min

Shows flow symbol, and the selected flow

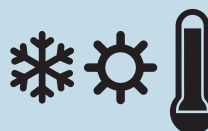
## Safety alerts



Indicates critical situation;  
Appears with an alert



The gas flow to the patient is lower than the set flow



Low or high temperature



Low battery



All alerts are visible, audible  
alerts can be muted

## LIV IQ – your intelligent helper

- All crucial parameters visible “at a glance” for enhanced patient safety
- Calculation of gas supply to the minute, allowing you to get the most out of every cylinder
- Audible and visible alerts ensure safe use and set up
- Cost-effective use of the gas and less cylinder changes
- Easy and convenient handling optimises your time with the patients
- All the reliability and quality treatment support you expect from Linde Healthcare products



### MRI conditional

The cylinder has detected a magnetic field such as MRI, gas flow continues



### Tamper evidence

The tamper evident signal is displayed before a cylinder is used for the first time



# LIV IQ – Simply clever.

LIV IQ now sets a new benchmark in mobile oxygen therapy. The intelligent system provides peace of mind to healthcare professionals with its enhanced patient safety features: A large and clear display showing remaining time and the set flow rate as well as visible and audible alerts. LIV IQ offers increased cost-effectiveness ensuring you get the most from your mobile gas cylinders. Thus freeing time to concentrate on the patient rather than spending valuable time monitoring cylinder contents.

Linde Healthcare is a global business unit of The Linde Group. It is present in over 50 countries and is dedicated to providing pharmaceutical and medical gas products and services, medical devices and respiratory therapies that enable healthcare professionals to provide best possible treatment for their patients in hospitals, clinics, intermediate care centres, emergency centres and in the patient's home.

Linde Healthcare is constantly working to ensure our therapeutic as well as our gas solutions are always delivered and serviced to the highest possible standards of safety, quality and efficiency. We combine a unique understanding of healthcare realities with continuous research and development.

Linde: Living healthcare

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