

Innovator status

At the 2012 Techni-Show this revolutionary cylinder received the 'Innovator status' from the professional jury – which shows just how ingenious Linde's new GENIE is.



You can find films about the GENIE on YouTube, one with general information and one about assembling the optional wheel set.



Getting ahead through innovation.

With its innovative concepts, Linde Gas is playing a pioneering role in the global market. As a technology leader, it is our task to constantly raise the bar. Traditionally driven by entrepreneurship, we are working steadily on new high-quality products and innovative processes.

But Linde Gas offers more. We create added value, clearly discernible competitive advantages, and greater profitability. Each concept is tailored specifically to meet our customers' requirements – offering standardized as well as customized solutions. This applies to all industries and all companies regardless of their size.

If you want to keep pace with tomorrow's competition, you need a partner by your side for whom top quality, process optimization, and enhanced productivity are part of daily business. However, we define partnership not merely as being there for you but being with you. After all, joint activities form the core of commercial success.

Linde Gas - ideas become solutions.

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→ Product information

THE LINDE GROUP

Linde

GENIE®

Hygienic mobility in pure gases and quality as top priority



Handier • Lighter • Cleaner

Gas packaging that can be used everywhere

Now available: the GENIE. Real innovation by The Linde Group. Formed, 10-litre plastic gas cylinders. Extremely manoeuvrable composite packaging leading the way to a smart and unparalleled method of transporting gases. Fitted with a hyper intelligent, interactive content manometer developed specially for the GENIE. Additional options are a detachable plastic wheel set and a telescopic pull handle.

- And much more: no less than 300 bar-filling pressure in plastic!
- Quality pressure regulator valve as part of the total concept.
- Intelligent digital supply indicator which is very easy to read.
- More convenient than steel gas cylinders, as the GENIE is lighter and easier to handle.
- Recyclable and therefore sustainable.



Gas cylinders don't get cleaner than this

With its highly innovative and ergonomic design, the GENIE is a frontrunner in fundamental technological changes in gas cylinders for laboratories, cleanrooms and R&D. As part of its corporate social responsibility, the Linde Group is committed to environmentally responsible innovations. The new GENIE is fully recyclable and can be refilled hundreds of times. The first gases Linde Gas Benelux is introducing in this revolutionary packaging, tailored specifically to these target groups, are 10-litre versions of nitrogen 5.0 and argon 5.0. It is quite possible that this will be extended with other gases in the future.

1 Less weight, more gas

A lighter, smaller cylinder with a 300 bar-filling pressure. A composite reinforced pressure container in strong, weatherproof casing made from HDPE (High Density Polyethylene). No risk of corrosion. And more gas means fewer reorders.

2 Built-in intelligence with a low-level indicator

The built-in 'genie' in a bottle gives you precise information about how much gas is in it. Easy to use and remotely readable. Estimating how much gas you have left is a thing of the past. It is easy to read the remaining processing time. An alarm indicates low gas levels in the cylinder.

3 Leak proof regulator valve with big performance

Completely reliable thanks to a steady flow.

4 With a practical, substantial diameter ...

.... and thus more stable and safer. Can be stacked well and is easy to handle. No need for cylinder chains anymore.

5 Modern, lightweight materials

The bottle is resistant to all weather conditions. It is designed to look good and to stay that way. No more rust circles on your floor. Both your environment and the GENIE are easy to keep clean, and therefore hygienic. This is vital in many environments!

6 Handles that can withstand repeated use

Ergonomic handles make it very easy to handle and lift the bottle. The cylinder valve and pressure regulator valve are perfectly protected. There is no risk of hurting fingers or other injuries.

7 Detachable wheels and a telescopic pull handle

Thanks to the optional, large detachable plastic wheels the highly portable bottle is even easier to move. The weight distribution has been greatly improved: no more 'top-heavy' gas cylinders!

The GENIE: ergonomic and aesthetically pleasing packaging in every respect.

8 Colour rings for each type of gas

In accordance with international standards the coloured ring on the bottle, together with the sticker, clearly indicates the properties of the gas.



Well balanced

Thanks to its low weight and wide diameter, GENIE is more stable than any other gas bottle to date. No more knocking cylinders over and what's more, they are easy to lift.



GENIE: ingenious

It couldn't be simpler: the GENIE comes with a patented digital system that indicates low gas levels. You can see, at the press of a button, how much gas is left in the cylinder, or other useful information such as how long you can continue working at the set flow.

The handy Linde GENIE pressure regulator valves comply with ISO 2503, a standard that guarantees stable flow properties and a very stable pressure. A specific pressure regulator valve is available for high purity gases.

Each department has its own type of cylinder

The GENIE is particularly suited for users with low gas consumption and high demands in terms of portable, mobile and hygienic gas packaging and ease of operation.