

PRESS RELEASE
27th April 2021



H.E.L Group signs distribution agreement with ThalesNano Energy for H-Genie bench-top high-pressure hydrogen generator

- *H-Genie smart, high pressure hydrogen generator now available alongside H.E.L's catalysis product range*
- *Provides bench-top access to 100-bar hydrogen gas, removing the need for cylinders or in-line supply*

London, UK, 27th April 2021: H.E.L Group (H.E.L), a global developer and manufacturer of innovative laboratory tools for process optimization, safety and scale-up, today announced that it has signed a worldwide non-exclusive distribution agreement with ThalesNano Energy™, a developer of bench-top chemistry-focused gas generators. Covering the H-Genie® bench-top hydrogen generator and associated consumables, the agreement will provide H.E.L customers easy access to a safe, cost-effective, and space-saving alternative to traditional hydrogen cylinder installation or fixed-line supply.

The H-Genie provides a bench-top solution to high pressure lab hydrogen supply avoiding the current cost, safety and engineering challenges associated with laboratory set-up and maintenance of an ongoing fixed-line supply. Generating hydrogen from water up to 100 bar (1450 psi) and 1 NL/min, H-Genie removes the need for hydrogen cylinders, hydrogen lines, or compressors, combined with smart software that monitors hydrogen consumption and allows all reaction data to be easily exported.

Aimed at chemists and chemical engineers involved in catalysis studies, where high-pressure hydrogenation processes are often a key focus, the H-Genie complements H.E.L's existing portfolio of products aimed at understanding catalytic processes. It is estimated that 85% of products manufactured involve catalysis somewhere in their production chain whether that be petrochemicals (or bio-equivalents), pharmaceuticals, new materials, transport and environment, or essential research & development.

Louise Madden, Chief Executive Officer of H.E.L Group commented: *"Understanding and addressing our customers' lab-based challenges is central to our mission to help unleash the full potential of the scientific community. We are delighted to team up with ThalesNano Energy to expand our portfolio of tools and services for catalysis studies and provide a quick, easy solution to hydrogen supply in the lab particularly for our customers working with high-pressure applications."*

Richard Jones, Chief Executive Officer at ThalesNano Energy said: *"From our side, working with H.E.L. was a 'no brainer'. In addition to their excellent reputation in the catalysis field, there is a large degree of synergy between our product lines. We are excited to work with H.E.L to distribute our award-winning H-Genie hydrogen generator and to make high pressure hydrogen work accessible to every lab without the need for major reconfiguration or construction work. We look forward to building a strong working relationship with H.E.L through this strategic partnership."*

ENDS

Notes to Editors



Louise Madden
Chief Executive Officer
H.E.L. Group



Richard Jones
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About H.E.L. Group www.helgroup.com

H.E.L Group's mission is to work together with chemistry, safety and biotechnology experts to engineer and unleash the full potential of the scientific community. To this end, H.E.L develops and manufactures innovative scientific instruments and software designed to optimize the efficiency, safety and productivity of key processes in chemistry and biology applications.

The H.E.L team of 70 includes highly skilled process and software engineers, based at their extensive research and manufacturing facilities in the UK, as well as sales and support offices around the world.

H.E.L has a long history of solving complex challenges for customers. For more than 30 years the Company has worked with businesses and laboratories globally, providing proprietary automated solutions for the pharma, biotechnology, chemical, battery and petrochemical sectors.

Following significant growth, and with annual revenues exceeding £10 million, the Company is extending the reach of its products to support and enable R&D and process optimization further across the US, China and India.

Follow H.E.L Group on Twitter [@hel_group](https://twitter.com/hel_group) and LinkedIn [@H.E.L. Group](https://www.linkedin.com/company/hel-group)

About ThalesNano Energy <https://thsenergy.com/>

ThalesNano Energy was created by chemists and engineers with decades of experience in the electrochemical, catalysis, fine chemical, computational, energy, polymer, and manufacturing industries. We focus on developing award-winning chemistry technology that improves safety in the

laboratory while expanding chemistry capability at the same time. Our expertise is also focused on solving some of the greatest challenges that faces us today, such as rising waste carbon dioxide levels and long term space travel. ThalesNano Energy is a member of the Darholding group of companies, a privately owned upstream innovation hub that aims to bring disruptive innovation in the field of chemistry and material sciences to practical and commercial reality.