

# Hydrogen on demand

H-Genie® Lite is the safest and most sustainable alternative to traditional hydrogen cylinders for supporting batch and balloon hydrogenation reactions in your chemistry lab. This portable, benchtop system generates 3.0 purity hydrogen on-demand from water and electricity using a patented electrolytic cell. Its minimal footprint ensures it will easily fit inside any fume hood. H-Genie® smart high pressure hydrogen generator eliminates the need for storage, handling, and replacing of hydrogen cylinders.



Simply click and go to start your hydrogenation process.

To find out more, visit [SigmaAldrich.com](http://SigmaAldrich.com)



The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.

**Sigma-Aldrich®**  
Lab & Production Materials