

# H Bank Hydrogen storage



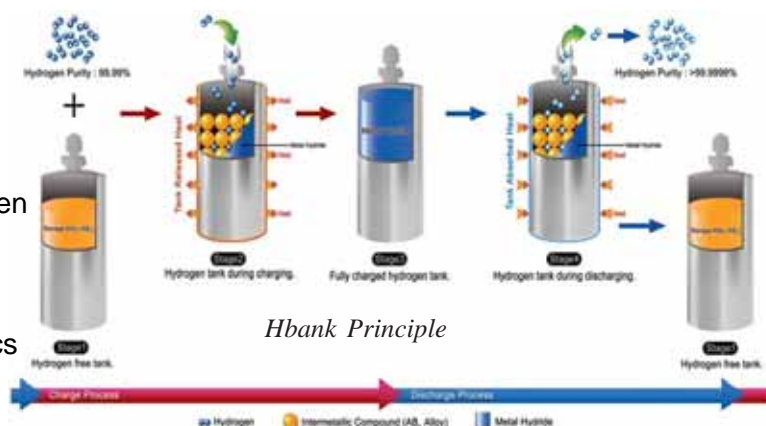
- High Reliability & Safety
- Great Longevity
- Deliver ultra high purity hydrogen

## Hydrogen storage solutions

### Total solutions for using Hydrogen in Instruments

High Reliability & Safety - Great Longevity - Competitive Prices

Based on the latest achievements in solid metal hydride technology of AB5-type alloys  
Unique techniques of alloy loading.  
Stores and releases gas at ambient temperature  
Pressure range from 1 to 10.0 atm.  
High stability of gas flow  
Safest type of storage: gunshot tests with full hydrogen charged tanks do not result in any combustible reaction,  
Thousands charge/discharge cycles without any essential changes in working technical characteristics  
Delivers high purity hydrogen (over 99.9999%) with only 99.99% purity hydrogen charge.

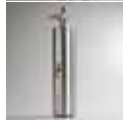


**H-Bank: the ideal source of pure hydrogen for Gas Chromatography and many other gas purity sensitive systems.**

## From 50 liters to 2400 liters delivering over 99.9999% purity gas



50 & 100Liters Backup hydrogen source. Standard storage models for portable instruments  
Designed to provide hydrogen up to 200 cm<sup>3</sup>/min in air at room temperature



300 Liter Hydrogen Storage. Backup hydrogen source in laboratory rooms  
Designed to provide hydrogen for stationary instruments (GC, GC-MS, et al.)  
Able to run over three units of GC instruments at the same time



600 Liter Hydrogen Storage. Hydrogen station in laboratory rooms  
The best complement for stationary instruments



500 Liter Hydrogen Storage. The best complement for stationary instruments  
Provide the hydrogen demand for more than five units of instruments



1800 Liter Hydrogen Storage. Mini-hydrogen station for laboratories  
Can supply high purity hydrogen for long periods of time



2400 Liter Hydrogen Storage. Hydrogen station for large laboratories  
Provide the hydrogen demand of large labs. Able to supply high purity gas for several instruments in labs, VOC and THC stations for over one month

**BRECHBÜHLER**  
scientific analytical solutions  
AG

Steinwiesenstrasse 3, CH-8952 Schlieren, Switzerland  
Tel: +41 44 732 31 31 - Fax: +41 44 730 61 41  
www.brechbuehler.ch - info@brechbuehler.ch  
Brechbühler SA  
Ch. de la Meunière 12, 1008 Prilly, Switzerland  
Tel: +41 21 625 58 10 - Fax: +41 21 625 58 12

**BRECHBÜHLER**  
scientific analytical solutions  
INC.

3845 FM1960 RD W # 275 - Houston, TX 77068 - USA  
Tel: +1 281 880-6963 Fax: +1 281 880-9496  
www.brechbuehler.com - info@brechbuehler.com