

## World Scope

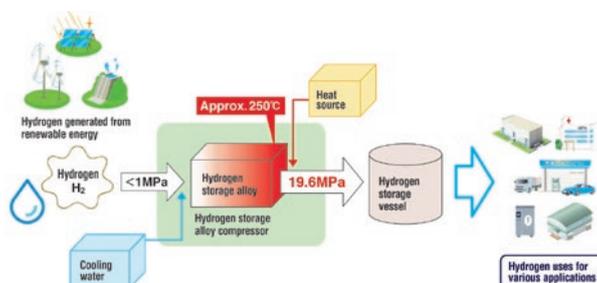
Mitsubishi Monitor introduces some of the latest news about Mitsubishi companies as they play an active role on the world stage.



**Mitsubishi Kakoki Kaisha**

## Demonstration Success in Compressing Hydrogen Using Hydrogen Storage Alloys Without Motor Drive

**Mitsubishi Kakoki Kaisha (MKK)**, working with the Kobe Material Testing Laboratory, Nasu Denki-Tekko, Daitech, Hiroshima University and the Shikoku Industry & Technology Promotion Center, has developed and successfully demonstrated a hydrogen storage alloy compressor that can fill gas cylinders with hydrogen to a pressure of 19.6 MpaG, the pressure at which the hydrogen is normally transported in Japan, without motor drive. Toward the realization of a hydrogen society, MKK is engaged in the development of decarbonized hydrogen delivery systems. The company is seeking to commercialize hydrogen storage alloy compressors as a new addition to its hydrogen-related product lineup.



The working of the hydrogen storage alloy compressor



The compressor used in the demonstration testing

For more information about the Mitsubishi companies, see "mitsubishi.com"

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