



High Temperature Hydrogen Storage Research and Test System

Features:

- Max Temperature: 500
- Charge Heating and Cooling
- DEcharge Heating
- Max Pressure: 60 bar
- Decharge or Charge in a Set
- Decharge or Charge Analyse



Description:

Analyse Hydrogen Storage Behavior of the Alloys Synthesized on High Temperature.

Vacuum Environment.



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Specification:

- Tank Canisters Hydrogen Storage
 - The Bodies of Tank Canisters: SUS 316L
 - Operation Temperature: 0 ~ 500°C
 - Operature Pressure: Max. 60 bar
 - Coller Water Tube (in Tank Canisters Hydrogen Storage)
 - Material: AISI 316

- Temperature Controller
 - Charge Environmental Temperature:
 - Heating
 - ◆ Operation Temperature: 0 ~ 200°C
 - Cool Water System by High Pressure and High Temperautre
 - Operation Temperature: 0 ~ 200°C
 - Material: AISI 316
 - High Temperature and High Pressure Recycle Pump
 - Decharge Environmental Temperature:
 - Operation Temperature: 0 ~ 500°C
 - Temperature Controller Process Edit by Software

- Decharge/Charge Tube, Measurement and Controller
 - Decharge/Charge Tube
 - Material: SUS 316
 - Hydrogen Flow Controller
 - ◆ Max: 400 bars
 - Hydrogen Pressure Controller
 - ◆ Range: 0~64 bar
 - Vacuum Pump
 - Decharge Storage Tank
 - Decharge Cooling Tank
 - Hydrogen Dilution and Emission System

- Data Recording and Controller
 - Measurement, Data Recording and Controller PC
 - Alarm Setup Active by Software

