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# Q12.4-H2-FS - Hydrogen Fueling Station



## **Product Description**

This system dispenses hydrogen for fast, easy-to-operate refueling of hydrogen fuel-cell passenger vehicles and trucks.

• Fueling station for cars has a 700-bar (70-MPa) hose.

• Fueling station for trucks has a high flow rate to minimize delays for high capacity vehicles.

#### Main System Components

#### Compressed Gas Storage

- Complex storage with multiple vessel trans-fill system
- Carbon fibre high pressure cylinders
- o Additional external storage optional
- User Interface
  - Easy-to-use touchscreen interface
- Safety Features
  - Industry standard infrared vehicle communication
  - Flame- and gas-leak-detecting sensors
  - Emergency stop and automatic shutdown

Can be customized for end user specifications

### Filling Station Specifications

Fill Pressure Max. Fill Rate Hydrogen Gas Storage Capacity	700 bar at 15℃ 3.6 kg/min Customizable
Hydrogen Gas Purity	99.999%
Installation Requirements	Outdoors
Ambient Temperature	-20 to 50°C (-4 to 122°F)
Operation	Touchscreen interface
Service Life	Minimum 10 years

If you're looking to produce high grade hydrogen, QUANTUM may have a solution for you. Call +1 604 222 5539 to connect with our technical/sales staff.