

H2 DISPENSER TECHNICAL SPECIFICATIONS

1 Filling Pressure

H35 : 350 bar &
H70 : 700 bar.

2 Flow Capacity

Standard flow : 1.8 Kg/min-
7.2 Kg/min

3 Certifications / Standards

Designed to meet major regulatory & industry certifications

- CE ▪ ATEX ▪ PED ▪ ISO 19880-1
- SAE J2601 / J2601-05 ▪ HGV 4.1 / 4.3
- ISO / NFPA standards, etc.

4 Pre-cooling / Heat Management

Internal (diffusion-bonded) heat exchanger (single or dual channel).

5 Fueling Protocols

Compliant with standard refueling protocols:

**SAE J2601-05, SAE J2799,
ISO 19880 Part-1 to Part-8**

6 Inlet Line Options

Single line inlet configuration. (Buffer or one inlet per hose configuration) & 3 line inlet configuration.



7 Nozzle / Hose Options

Single or dual arm configurations.

8 Power Supply

220 VAC, 50 Hz, 10 A.

9 Operating Conditions

Ambient temperature:-40 °C to +50 °C.
Gas temperature: -40 °C to +85 °C &
-20 °C to +85 °C.
Humidity: 20-95 % Rh (non-condensing).

10 Communications

Dispenser-to-vehicle communication (communicative or non-communicative per protocol).

11 User Interface

Touch-screen / keypad.

12 Safety Equipment Certifications

SIL2 / SIL3 / Gas Group IIC certified.