## Hydrogen Dispensers





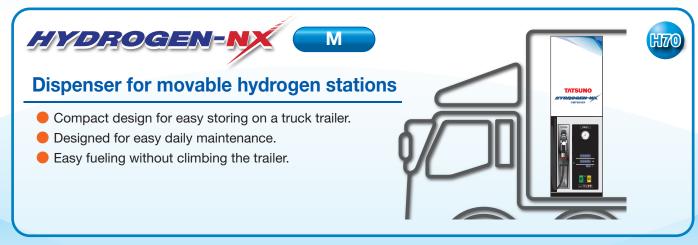


#### High-pressure Hydrogen Dispensers for Fuel Cell Vehicles

- Supports 82 MPa high-pressure fueling
- Compact and stylish design with large displays
- Usable with both on-site and off-site production
- Compatible with the latest international fueling protocols
- Compatible with pre-cooling to -40°C
- Connectable to existing POS terminals

Fill Pressure	87.5 MPa (max)
Measuring Accuracy	±1.5 %
Measuring Range	0.25 ~ 5.0 Kg/min









#### High-pressure Hydrogen Dispensers for Fuel Cell Forklifts

- Designed for 35 MPa
  - Compact design for installation in limited spaces

Fill Pressure	35.0 MPa (max)
Measuring Accuracy	±1.5 %
Measuring Range	$0.25\sim 3.0~{ m Kg/min}$





#### Simple design for an easy operation

- Basic model without display.
- Internal parts installed outside the dispenser for a compact design.
- Equipped with a flame detector.



# Hydrogen Nozzle for H70. FN-102 Image: Strate Stra

### Coriolis Mass Flowmeter

#### Coriolis Mass Flowmeter for Hydrogen (120MPa Class)

- Best for ultra-high pressure measurement
- High accuracy ±0.5% & Low pressure loss
- High Number of Installations



#### Integrated 2-in-1 Model

Model	FM-1135
Features	New Integrated model
Pressure	Max. 120 MPa
Accuracy	±0.5% (10 to 360kg/h)
Fluid Temp.	-50°C to +85°C
Output	Pulse 2ch, Modbus, Bluetooth
Certifications	ETL (Intertek)
Exproof	Ex d ib IICT4 Gb, Ex(Japan), ATEX, IECEx, NEPSI(China), KOSHA(Korea)



#### **Separate Model**

Model	BA-1025
Features	Separated model
Pressure	Max. 120 MPa
Accuracy	±0.5% (10 to 360kg/h)
Fluid Temp.	-50℃ to +85℃
Output	Pulse 2ch, 4-20mA 2ch, LCD Display
Exproof	Ex d ia IIB+H2, Ex(Japan), ATEX, IECEx, NEPSI(China), KOSHA(Korea)

#### Coriolis Mass Flowmeters for CNG/LNG



ER-1308-C/A Converter for LNG/CNG



FM-1031-B Detector for Boil off Gas (Small Bore) Extra cold resistant Maximum flow 20 kg/min Mass Flow Accuracy ±0.5%



FM-1031-A Detector for LNG (Large Bore) Extra cold resistant Maximum flow 200 kg/min Mass Flow Accuracy ±0.5% FM-1026 Detector for CNG

ATSU

High pressure resistant (Max 31.4MPa) Maximum flow 6000 kg/min Mass Flow Accuracy ±0.3%

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