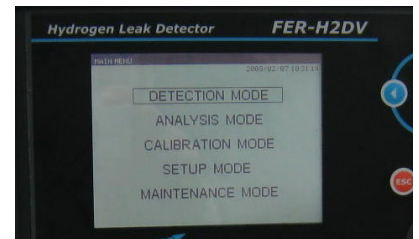


Brilliant way for leak detection and management

H₂ + N₂ Mix Gas Leak Testing

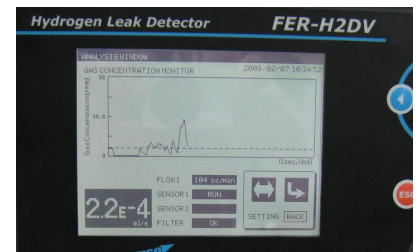
New



MAIN MENU



DETECTION MODE



ANALYSIS MODE

Safe and Environmental Friendly

(Less than 5.7% H₂ is Non-flammable, ISO:10156)

1/10 Cost Reduction from Helium System

(Compared with Helium system)

High Leak Testing Quality as Helium System

5% H₂ + 95% N₂ as Tracer Gas

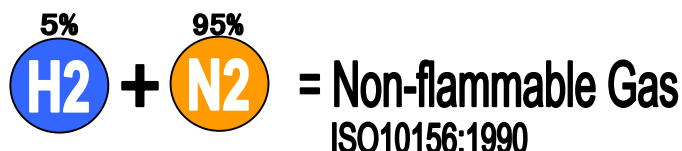
Hydrogen Leak Detector **"FER-H2DV"**

FUSO FUSO Co., Ltd.
Sense and Measure the Environment

Hydrogen Leak Detector "FER-H2DV"

H2 + N2 as a tracer gas—

New way to replace from Helium system



■ Features

● What are merits by using H2+N2 mix gas?

- H2 is 1/15 lighter than Air. It will rapidly diffuse.
- Viscosity of H2 is 1/2 less than Helium. It will not clogged or stopped on the surface.
- 5% H2 and 95% N2 is approved by ISO to be non-flammable gas. (ISO10156:1990)
- H2 only exists 0.5ppm in the background, as compared with Helium which exists 5ppm.

● You can reduce initial investment and running cost

- You do not need to invest to gas recycle unit like Helium system.
- Inexpensive Gas cost

● High spec and easy maintenance

- Newly developed durable semiconductor sensor with special filter
- Smart detection system with built-in mechanical filter and digital filter.

■ Specifications

M o d e l	FER-H2DV
Sensor Type	Semiconductor Sensor (Twin sensor Type—Auto,Manual Change)
Measure Method	Sniffer type 1—channel
Highest Sensitivity	0.5ppm H2
G a s	H2 (Tracer gas=5%H ₂ +95%N ₂ Mix gas)
Operation Mode	Detection Analysis Caribration Set up Maintenance
D i s p l a y	LCD Display Detection (Wait/Ready/Alarm) Analysis (Graph,Values)
Response Time	within 2.5 sec.
Suction Pump	Magnetic Air pump (Max. 1000ml/min), with Flow Volume ADJ.(2ch)
Function	Zero adjust. Sesitivity adjust. Smoothing adjust. Alarm Level Set
Speaker	Volume Adjustable
Operating Temp. and %RH	5~40°C, less than 80%RH
P o w e r	AC100V-240V 50/60Hz ,3A
Size and Wight	260(W)×300(D)×150(H) mm Approx.6.5Kg
Output Interface	Leak Level DC 0-5V, EXT.Speaker Alarm Light RS-232C
Standard Accessary	Sniffer-probe(with Dust Filter &Activated carbon Filter) Power cable Instruction Manual

* Specification above may be changed without notice.

Made in Japan

FUSO **FUSO Co., Ltd.**

Sense and Measure the Environment

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