

FI-8000 : Specification sheet of the range “ H2 in N2 0-100vol% ”

Measuring gas	:	H2 in N2 (Hydrogen in Nitrogen)
Reference gas	:	N2 (Nitrogen)
Measuring range	:	0-100vol% Minimum digit 0.1vol%
Pressure correction ¹⁾	:	Pressure correction function “ ON ”
Temperature correction ¹⁾	:	Temperature correction function ” ON ”
Ref cal. Value ²⁾	:	0.0vol%
Drift amount ³⁾	:	± 0.9vol%
Reading accuracy ⁴⁾	:	± (Indicated value – Ref cal. value) * 0.03
Adapted type	:	TYPE P-24, TYPE A-24

1) Correction function for effect of expansion/contraction associated with temperature /pressure fluctuation.

2) A value that should be read in measuring a reference gas.

3) Drift of reading that may be caused by ±10°C change in temperature.

4) The accuracy right after reference calibration (REF CAL)

【 Special caution 】

Note 1) Please consider enough preparation for safety during measuring because this specification measuring gas is high concentration of combustible gases that over LEL.

Note 2) Please prepare the reference gas as specified and perform the reference gas calibration prior to and during use.

If the reference calibration is carried out with a gas other than the specified gas (ex. AIR) , correct measurements will not be obtained.

技術部 技術一課		
承認 技術 17.3.24 小暮	検討 武藤	作成 石黒
	2017.3.24	2017.3.23