

1. Specification



List	Contents	Etc
Gas	Hydrogen	
Size	L1000 X W550 X H1200	
Input Voltage	380VAC 3phase	
Power consumption	<5kW	
Gas Processing rate	Hydrogen gas 2Nm ³ /h	
Adjustable Pressure	Max 10 barg	
Purification Method	Catalyst/Absorption.	
Inlet Impurities	H2O	Dewpoint 10°C
	O2	<1000(ppm)
Outlet Purities	H2O	Dewpoint<-100°C
	O2	<1~2(ppm)

2. Utility Specification

Section	Size	Type	Flow Rate	Contents
Process(In/Out)	3/8"	Male VCR	2N/m ³	Supplying Gas
Vent	1/4"	Male VCR		Exhaust Gas during Absorption
Sample Gas	1/4"	Male VCR		Analyzing Purified Gas

List	Detail
Processing Method	AUTO Process
Safety Method	Auto blocking, Alarm by Pressure and Temperature
Controll System	PLC (LS산전)
Power Specification	AC380V 3phase Pt Catalyst Column Heater (1ea) – 1kW X 1ea Adsorber Column Heater (2ea) – 2kW X 2ea System – 1kW Total Power – 5kW
Etc	Ethernet, RS-485