

## Reference for selecting hydrogen purification equipment

Type		HP10	HP60	HP150	HP250	HP500	HP1000	HP2000	HP4000	HP6000	HP10000
Processing capacity Nm <sup>3</sup> /h		1-10	15-60	80-150	160-250	300-500	600-1000	1500-2000	2500-4000	4500-6000	7000-10000
Work pressure MPa		0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0	0.2-5.0
Removal of impurities	Oxygen removal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Chlorine removal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	carbon dioxide removal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Nitrogen removal	✓	✓	✓							
	Remove water	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Product gas	Moisture content - dew point(°C)	≤-70	≤-70	≤-70	≤-70	≤-70	≤-70	≤-70	≤-70	≤-70	≤-70
	Oxygen content(ppm)	≤1	≤1	≤1	≤1	≤1	≤1	≤1	≤1	≤1	≤1
	Purity(V/V)	99.999%	99.999%	99.999%	99.999%	99.999%	99.999%	99.999%	99.999%	99.999%	99.999%
Control mode		PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic	PLC automatic
It can be customized according to customer requirements											