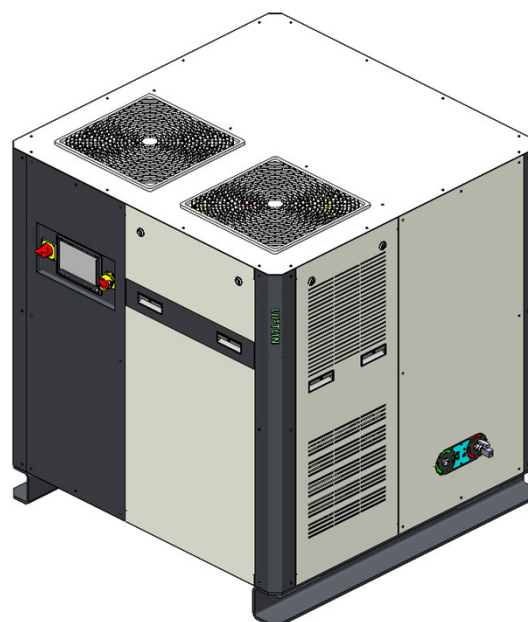


Helium Recovery System

Description:

- Suitable for helium recovery, pressurization, purification, and concentration detection in helium test equipment.
- The fully automatic recovery control system does not require manual intervention and can be quickly integrated with existing helium test equipment.
- Three recovery modes are combined to efficiently recover helium, with a maximum up to 95% recovery rate.
- Optional purification function, with a helium up to 95% concentration after purification.
- Optional gas mixer, supporting the helium ratio from 5% to 90%.



Specification:

HRS - 0100 - 035 - ATH

①

②

③

④

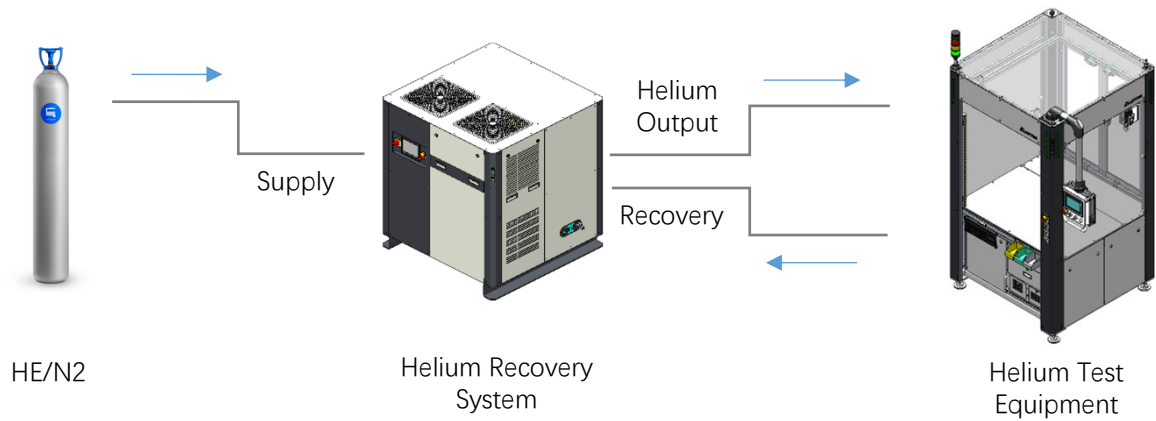
① Product	② Capacity of Recovery	③ Output Pressure	④ Options
HRS	0050 - 80L/min	006 - 6bar	A - Standard
	0100 - 100L/min	035 - 30bar	T - w/ Purification
	0500 - 500L/min	070 - 60bar	H - w/ Gas Mixer

Ex. HRS-0100-035-AT, The maximum recovery capacity of the system is 100L/min, with a maximum output pressure of 35bar and purification function.

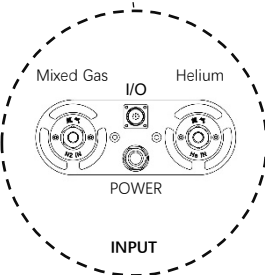
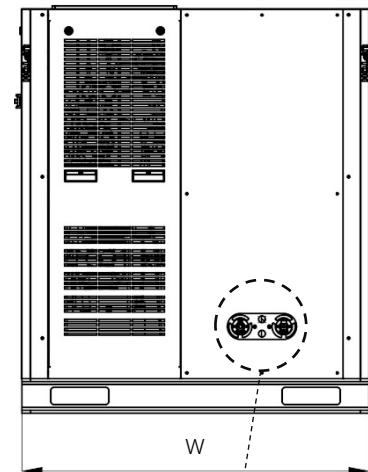
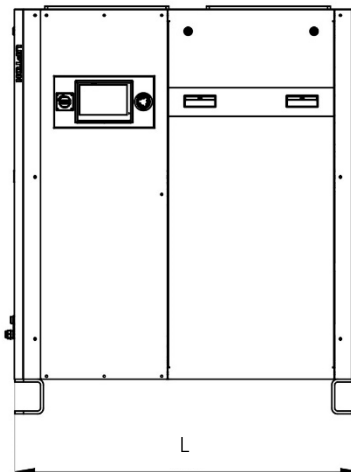
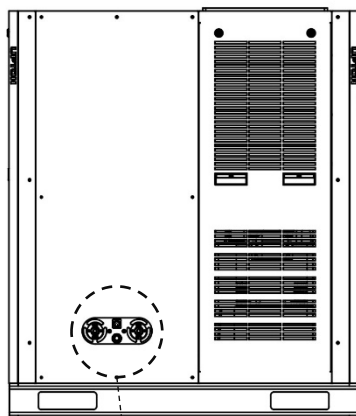
Parameter:

	Low Pressure	Medium Pressure		High Pressure	
Model	HRS-0050-006-***	HRS-0100-035-***	HRS-0500-035-***	HRS-0100-070-***	HRS-0500-070-***
Pressure	6bar	35bar		70bar	
Capacity	80L/min	100L/min	500L/min	100L/min	500L/min
Rate	The rate of recovery is up to 95% (When the system has purification function, the rate of recovery depends on the actual recovery concentration)				
Media	Helium				
I/O signal	3 inputs switch signals, 3 output switch signals				
Communication	TCP/IP				
Voltage	AC 380V/50Hz				
Power	1.5kW	3.5kW	8.5kW	5kW	10kW
Size	1200mm*1200mm*1400mm	1400mm*1400mm*1900mm			
weight	500kg	600kg	700kg	650kg	750kg

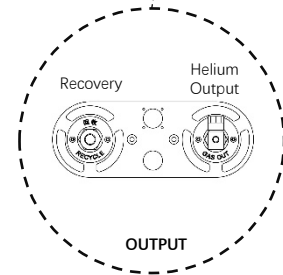
Instruction:



Dimension:



PIN	SIGNAL	PIN	SIGNAL
1	Recovery done	6	n/a
2	Recovery Ready	7	0V
3	Helium Filling Ready	8	+24V
4	Helium Filling	9	n/a
5	Helium Recovery		



Model	L	W	H	Port of output	Communication Interface
HRS-0050-006-***	1200mm	1200mm	1400mm	NPT1/4"	RJ45
HRS-0100-035-*** HRS-0500-035-*** HRS-0100-070-*** HRS-0500-070-***	1400mm	1400mm	1900mm	NPT1/4"	