



SFJ-231, your most trusted choice of mobile helium leak detector

Benefits at a glance

1. Powerful rotary vane pump with backing pump capacity of 16m³/h;
2. Fastest helium pumping speed with German turbo molecular pump;
3. Intelligent and easy to use touch screen;
4. USB and bus interface for flexible data communication;
5. Multiple leak detection modes with spray gun and sniffer probe method;
6. Highest reliability and sensitivity with automatic clearing of helium background;

SFJ-231 Helium Leak Detector			
Performance Indicators	Minimum detectable leak rate (Pa·m ³ /s)/ vacuum mode	5.0×10 ⁻¹³	
	Minimum detectable leak rate (Pa·m ³ /s)/ Sniffer mode	5.0×10 ⁻⁹	
	Response time(s)	<1	
	Startup time(min)	≤2	
	Inlet pressure(Pa)	Gross: 1500 Fine: 200 Ultra: 40	
	Pumping speed during evacuation	16 m ³ /h	
	Pumping speed for He	2.5 l/s	
	Detectable masses	2,3,4(H ₂ , He ₃ , He ₄)	
	Basic Configuration	HMI	7 "inch LCD Touch Screen
		Ion source	2pcs, iridium coated yttrium oxide, automatic switching
Dimension (W)×(D)×(H),mm		645 x 678 x 965	
Weight(Kg)		110	
Inlet flange		DN25 KF	
Power supply		AC220V,50HZ/60HZ	
Operating temperature		0-40°C	
Display language		Chinese and English	
Interface		I/O, RS232/485, MES, USB	