NHJ400M Helium Leak Detector



Introduction

NHJ400M Helium Mass Spectrometer Leak Detector is a modular type leak detector, small volume can be flexible with the vacuum system, a variety of air combination, can be applied to a variety of detection requirements.
Compact structural design to facilitate integration into leak detection systems according to customer needs.

Mass spectrometry room: 180 degree non-uniform magnetic field U-shaped magnet design, good signal stability, and strong resistance to strong magnetic interference.

Technical Parameters	
Min. Detectable Leak Rate of Vacuum Mode	3×10^{-13} Pa·m³/s
Vacuum Leakage Rate Display Range	(1×10^{-2} ~ 1×10^{-13})Pa·m³/s
Min. Detectable Leak Rate of Sniffer Mode	5×10^{-9} Pa·m³/s
Range of Leakage Rate of Sniffer	(1×10-2 ~1×10-⁹)Pa·m³/s (zero)
Helium Pumping Speed	2.5 L/s
Detectable Gas	^4He,^3He,H_2
Start-up Time	≤90 s
Response Time	≤0.5 s
Inlet Pressure	≤2000 Pa
Mainframe Power/ Voltage	DC24V,350W
Work Environment	Temperature: (5~40) °C
Language	Chinese / English / Korean/ Japanese / Thai / Hindi / Malay / Italian
Dimensions	(420×275×350)mm
Net Weight	26 kg
Backing Pump	/
Display units	Pa·m³/s,mbar·l/s, atm·cc/s, Torr·l/s, ppm

