

NLD200 Modular Helium Leak Detector

Introduction

NLD 200 Modular 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.

It has the characteristics of short start time, fast leak detection speed, high sensitivity, strong ability to clear helium and no pollutant removal.

Compact structural design to facilitate integration into leak detection systems according to customer needs.

Double iridium ion source, strong antioxidant capacity and long service life



Technical Parameters

Minimum Leak Detection Rate	$3 \times 10^{-13} \text{ Pa} \cdot \text{m}^3/\text{s}$
Helium Pumping Speed	2.5 L/s
Inlet Pressure	$\leq 2000 \text{ Pa}$
Start-up Time	$\leq 90 \text{ s}$
Response Time	$\leq 0.5 \text{ s}$
Detectable Gas	$^4\text{He}, ^3\text{He}, \text{H}_2$
Communication	RS232, RS485, USB
Calibration	Internal Automatic/External Manual
Language	Chinese/English
Interface Dimensions	DN KF25/DN KF16
Power / Voltage	DC24V, 350W
Weight	22 kg
Dimensions	(430×270×245) mm
Work Environment	Temperature (5~40) °C
Backing Pump	/
Maximum Working Current	14.6A



Configuration table

NLD200	Host leak detection module	×1	
	Display module	×1	
	Power module	×1	
	Data line	×2	Customizable
	Standard leakage hole	×1	Optional