Gas leak detector for semiconductor manufacturing gases

XP-703D

Type of Gas Detected: Toxic gas

Detection Principle: Hot wire semiconductor sensor

Features

- **Best suited for detecting trace leaks of semiconductor manufacturing gases.**
- **Detects gas leaks and alerts you by lamp and buzzer.**

Specifications

Model	**XP-703D**				
Detection Principle	Hot wire semiconductor				
Sampling Method	Extractive				
Gas Detected	Semiconductor manufacturing gases (arsine, phosphine, diborane, silane, etc.)				
	arsine AsH_3	phosphine PH_3	diborane B_2H_6	silane SiH_4	hydrogen H_2
Minimum Detectable Leak rate	1.0×10^{-7}	1.5×10^{-7}	0.5×10^{-7}	2.5×10^{-7}	5×10^{-7}Pa・m^3/s
Minimum Detectable Concentration	0.2	0.3	0.1	0.5	1.0ppm
Response Time	10s or less				
Detection Indication	Intermittent buzzer and flashing lamp				
Power Source	4× AA (R6) manganese dry cells				
Battery Life	Up to 9 hours by alkaline dry cells (Up to 3 hours by manganese dry cells)				
Operating Temperature	0 to 40℃				
Dimensions	W68 × H155 × D32mm				
Weight	Approx. 400g				
Standard Accessories	Soft case, Probe with filter/moisture trap, Check gas, Standard attachment, 4× AA (R6) manganese dry cells, Spare filters				
Optional Acessoriess	Earphone				