



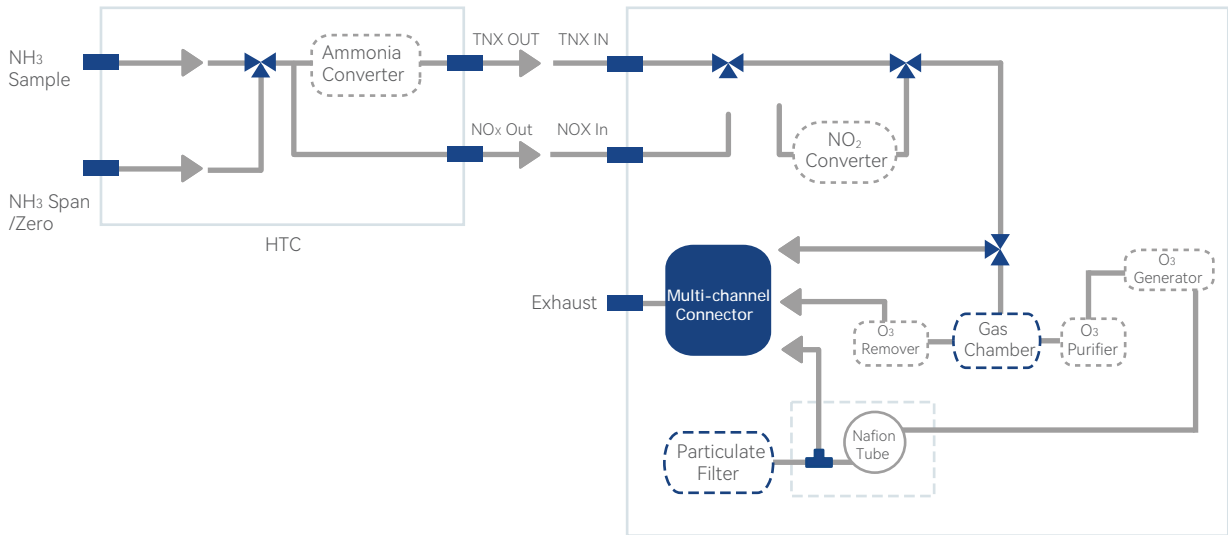
AQMS-650 NH₃ Analyzer

FPI AQMS-650 also comes with its own developed Software. The remote PC software allows for a remote connection with virtual interface and data downloading capability to analyzers operating Software.



Principle

FPI AQMS-650 measures NH₃ in the ambient air, which delivers a stable and precise value. It adopts chemiluminescence technology with an external converter which can combine its use with AQMS-600 measuring NO_x as well; during the measurement, NH₃ will be converted into NO by oxidation.



Features

- 01. Independent NO_x and NH₃ measurement
- 02. High efficiency external converter
- 03. Various outputs include RS232, RS485, Ethernet
- 04. Continuous system diagnosis with alarm
- 05. User-friendly interface with large screen
- 06. Less spare costs, accessories and maintenance requirement
- 07. Large data storage capacity
- 08. Low power demand of lasted model cause less power consumption

Specifications

Principle	Chemiluminescence
Measured Gas	NH ₃ in ambient
Measurement Units	ppb, ppm, µg/m ³ , mg/m ³
Range	Min:0~500ppb Max:0~2ppm
Lower Detectable Limit	<0.4ppb or 0.5 % of reading
Zero Noise	<0.2ppb
Span Noise	<0.2%F.S.
Zero Drift	<1ppb/24hours; <5ppb/7days
Span Drift	<1%F.S.
NH ₃ /NO Converter	Quartz at 10000 C
Sample Flow Rate	1000cm ³ /min ±10%
Linearity	<1%F.S.
Response Time	<300s
Rise/Fall Time	<30s
Data Transmission	2 channel analog (4~20) mA; 2 analog (0~5) V; 12 digital output; 4-way relay output
Output	RS232, RS485, Ethernet
Operating Temperature	-5~55°C
Power Requirement	(230±10)V AC, (50±10%)HZ
Dimensions	178(H)x432(W)x604(D)mm
Weight	Analyzer:20kg Converter:10~12Kg