

Series 9000 Analyzer Versions



Model	9000 THA	9000 NMHC	9000 H	9000 TCA
Description	Fully Automated Hydrocarbon Analyzer	Methane / Non-Methane Hydrocarbons	Fully Automated Heated Hydrocarbon Analyzer	Total Carbon Analyzer (THC+CO+CO ₂ in inert gases, except air & O ₂)
Detector	FID	FID with Oxidizer Catalyst	FID	FID with Methanizer Catalyst
Sample Points	1 and 4 point	1 and 4 point	1 point	1 and 4 point
Sampling Type	4 point is Sequential	4 point is Sequential	Continuous	4 point is Sequential
Outputs	<i>Standard:</i> 5 relays, 1 analog, RS-232, Ethernet <i>Optional:</i> Additional 9 relays & 3 analogs	<i>Standard:</i> 5 relays, 1 analog, RS-232, Ethernet <i>Optional:</i> Additional 9 relays & 3 analogs	<i>Standard:</i> 5 relays, 1 analog, RS-232, Ethernet	<i>Standard:</i> 5 relays, 1 analog, RS-232, Ethernet <i>Optional:</i> Additional 9 relays & 3 analogs
Internal Wetted Parts	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sample Temperature	Ambient	Ambient	Up to 191°C (376°F)	Ambient
Repeatability Drift	+/- 1% full scale +/- 1% over 24 hours	+/- 1% full scale +/- 1% over 24 hours	+/- 1% full scale +/- 1% over 24 hours	+/- 1% full scale +/- 1% over 24 hours
Gas Flow Control	Electronic	Electronic	Electronic	Electronic
Ranges & MDQ (as Methane)	User selectable within: 0.01 to 100ppm 0.1 to 2000ppm 0.3 to 20000ppm 0.003% to 100%	User selectable within: 0.06 to 200ppm (Air balance) 0.1 to 1000ppm (Air balance) 0.03 to 200ppm (O ₂ balance)	User selectable within: 0.3 to 2000ppm 0.6 to 20000ppm 0.003% to 50%	User selectable within: 0.1 to 100ppm
Calibration	Automatic or Manual	Automatic or Manual	Automatic or Manual	Automatic or Manual
Calibration Plumbing	<i>Optional:</i> Internal Zero/Span Valves	<i>Optional:</i> Internal Zero/Span Valves	<i>Optional:</i> Internal Zero/Span Valves	<i>Optional:</i> Internal Zero/Span Valves