

KIMOTO

HYDROCARBON ANALYZER

HA-671

The hydrocarbon analyzer, HA-671, is designed to measure concentration of hydrocarbon (CH₄, NMHC and THC (CH₄ + NMHC) in the ambient air.

The measuring method of this hydrocarbon analyzer is based on JIS B 7956, Non Methane Hydrocarbon measuring method, Gas Chromatograph method and the FID detection method.



Rack-mounted Type

FEATURES

■ Easy Operation by the Touch Panel.

It is easy to set the control items like as the inner voltage and the temperature etc.

■ Self Diagnosis.

After diagnosis using some sensors, the abnormal item is displayed in the display, if there is abnormal item.

■ Output.

DC0~1V output and Ethernet output.

■ PC Card Slot (Option).

Data extraction is easy by the PC card (CF Memory card).

SPECIFICATIONS

■ General

Name	Non Methane Hydrocarbon Analyzer
Model	HA-671
Measuring Object	CH ₄ , NMHC and THC(CH ₄ + NMHC) in ambient air
Principle	FID Cell detection method (B7956)
Range	0 - 5/10/20 ppm
Power requirement	AC 100 V 50/60Hz
Power consumption	Main body : 150VA (Max 300VA)
Ambient temperature	5 - 40 degrees C
Measurement	W430 x H220 x D400 mm
Weight	Approx. 16kg (without sampling pump unit.)

■ Performance

Indicating Error	within ± 1 %FS
Repeatability	within ± 1 %FS
Zero drift	within ± 1 %FS/day
Span drift	within ± 2 %FS/day
Linearity	within ± 2 %FS

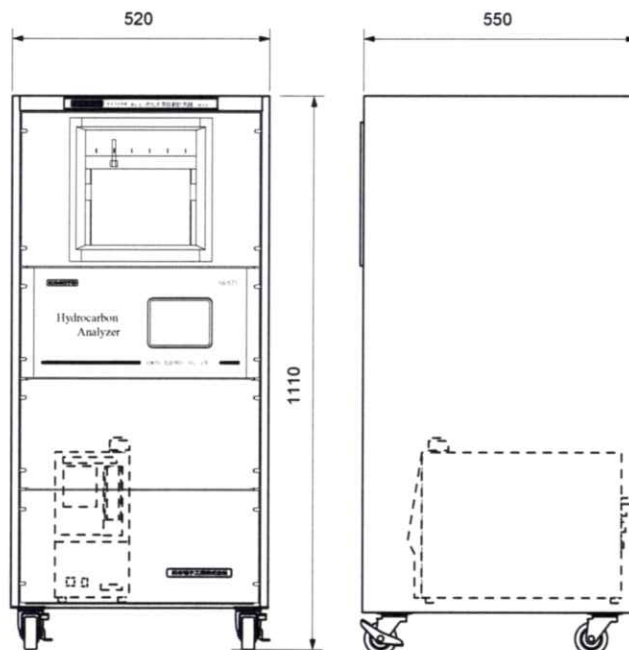
■ Measurement

Measuring cycle	6 minute cycle
Sample flow rate	Approx. 0.5 L/min
Particulate filter	ϕ 47 mm Teflon filter
Oven temperature	60 degrees C
Converter temperature	350 degrees C

■ Output

Measuring Value Signal	0-1VDC, Ethernet
Measuring Item	6 items
	NMHC Integral value
	NMHC continuous value
	CH ₄ Integral value
	CH ₄ continuous
	THC Integral
	THC continuous
Status signal	Reset, Host Down, Adjusting, Power Down, Abnormal, Calibration

Flow Diagram



Rack-mounted Type

(Rack, recorder and hydrogen generator are option.)

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