

Product



Emission Analyzer

배출가스측정기는 고체 필터에 의해 특정 파장의 적외선 투과율을 측정하는 비분산 적외선 분석방식으로 휘발유나 가스연료 자동차의 배출 가스를 분석하는 기기입니다.

Emission Analyzer takes the analyzing method of non-dispersive infrared rays which measures the transmission of the infrared rays of specific wave by the solid filter.



Specifications

Model	AET-4000KS	AET-5000KS
Measurement item	HC, CO, CO2, O2, LAMBDA	HC, CO, CO2, O2, NOx, LAMBDA
Measurement method	HC, CO, CO2 : NDIR(Non-dispersive infrared)	
	O2, NOx : Electro Chemical Cell	
	Lambda : Brettschneider formula application	
Measuring range	CO : 0.00 - 10.00 %	
	HC(n-hexane) : 0 - 10,000 ppm	
	CO2 : 0.0 - 20.0 %	
	O2 : 0.00 - 25.00 %	
	NOx : 0 - 5,000 ppm	
	Lambda : 0.5 - 3.00	
	CO, O2 : 0.01 %	
Resolution	CO2 : 0.1%	
	HC, NOx : 1 ppm	
	CO, HC, CO2 : < 5 seconds	
Response time	O2, NOx : < 28 seconds	
Preheating time	< 120 sec	
Sampling flow	Pump : Approx. 2.0L	
	Sensor : Approx. 2.0L	
Communication device	Result transmitted to PC (RS-232)	
Usage temperature	-10 ~ 50℃	
Usage humidity	0 ~ 90% RH	
Size	265 (W) * 465 (D) * 216 (H) mm	
Weight	Approx. 8kg	
Power	AC 110~240V (50/60Hz)	