

Product



Diesel Smoke Tester

매연측정기는 경유자동차가 배출하는 매연의 농도를 측정하는 기기로 일정한 시간 동안 프로브를 통하여 유입되어 도관을 흐르는 매연의 농도를 전용센서로 측정합니다.

Diesel Smoke Tester detects the smoke from the vehicle which uses diesel engine. It measures the concentration of exhaust flowing through the conduit as a dedicated sensor for a period of time.



Specifications

Model	DS-4000KS	DS-5000KS
Measurement item	Smoke concentration(Opacity), Absorption coefficient (K-value: Scale range from 000 to 9.99 m.)	
Measurement method	Light transmission	
Photoelectric device	Green LED(565nm)	
Detecting part	Photodiode	
Tube length / Inner diameter	Length : 215 mm (±0.5mm), Inner diameter : 21 mm	
Measuring range	Opacity : 0% ~ 99.9%, Light absorption : 0 - 10m	
Resolution	0.1%	
Response time	< 0.5±0.015 sec.	
Filter	2nd Bessel filter (1sec.)	
Preheating time	Within 5min.	
Tube temperature	Maintained at 80℃ (79℃ ~ 81℃)	
Power	AC 220V 400W, 50~60Hz	
Usage temperature	-10 ~ 50℃	
Usage humidity	0 ~ 90% RH	
Size	370 (W) * 210 (D) * 218 (H) mm	
Weight	Approx. 7.5kg	