

Product Recommendation Matrix

Automobile Inspection & Maintenance													
Application	Fuel Type	Vehicle Type	CO	CO ₂	HC	O ₂	NO	NO ₂	Lambda	Oil Temp	Smoke Degree	RPM	
On-road	Gasoline vehicle	Motorcycle	✓	✓	✓				✓	✓		✓	
		Light Duty Vehicle	✓	✓	✓	✓	✓	✓	✓	✓		✓	
		Heavy Duty Vehicle	✓	✓	✓	✓	✓	✓	✓	✓		✓	
	Diesel vehicle	Light Duty Vehicle									✓	✓	✓
		Heavy Duty Vehicle									✓	✓	✓
Off-road	Diesel vehicle	Agriculture Vehicle		✓			✓	✓		✓	✓	✓	
		Construction Engineering Vehicle		✓			✓	✓		✓	✓	✓	

Automobile Inspection & Maintenance									
Application	Fuel Type	Vehicle Type	Gasboard-5020(3 gas)	Gasboard-5020(4 gas)	Gasboard-5020(5 gas)	Gasboard-5260	Gasboard-5230	Gasboard-6010	Gasboard-8220
On-road	Gasoline vehicle	Motorcycle	✓						✓
		Light Duty Vehicle		✓	✓	✓			✓
		Heavy Duty Vehicle		✓	✓	✓			✓
	Diesel vehicle	Light Duty Vehicle						✓	✓
		Heavy Duty Vehicle						✓	✓
Off-road	Diesel vehicle	Agriculture Vehicle					✓	✓	✓
		Construction Engineering Vehicle					✓	✓	✓

Technology	Gas	Features	Emission Gas Analyzer					OEM Gas Bench			
			Gasboard-5020(3 gas)	Gasboard-5020(4 gas)	Gasboard-5020(5 gas)	Gasboard-5260	Gasboard-5230	Gasboard-2000	Gasboard-2100	Gasboard-2200	Gasboard-2300
NDIR	CO		✓	✓	✓	✓		✓			
NDIR	CO ₂	High accuracy, OIML 0 class standard compliance (**)	✓	✓	✓	✓	✓	✓			
NDIR	HC		✓	✓	✓	✓		✓			
ECD		Cost efficiency		✓	✓	✓					
Zirconia	O ₂	Longer lifetime, no regular replacing. CO, HC compensation avoid interference on O ₂ .		✓	✓	✓					
		Cost efficiency			✓						
Micro-flow NDIR	NO	High accuracy, Longer lifetime, no regular replacement				✓	✓		✓		
NDUV	NO ₂	Direct detection for NO ₂ without NO _x converter				✓	✓				✓
UV-DOAS	NO+NO ₂	Direct detection for NO&NO ₂ No impact from vibration. Best choice for portable analyzer development								✓	

* Remark: Premier NDIR gas bench available with OIML 00 class standard compliance.