

Specifications: Exhaust Gas Treatment Equipment GM Series

Model	GM-30N1	GM-40N1	GM-50N1
System	Resistance heating system		
Max. operating temperature (*1)	850°C		
Operating temperature range (*1)	RT + 70 to 850°C		
Treatment capacity (*2)	400 L/min	600 L/min	800 L/min
Temperature control	Temperature controller		
Reading accuracy	±(0.5% of reading value + 1 digit)		
Control operation	PID control with auto tuning		
Heater output	12.2 kW (at 200 V)	18.3 kW (at 200 V)	24.2 kW (at 200 V)
External dimensions (mm)	800 (W) × 1710 (H) × 800 (D)	800 (W) × 2000 (H) × 800 (D)	800 (W) × 2315 (H) × 800 (D)
Combustion chamber dimensions (mm)	Φ318 (ID) × 485 (L)	Φ318 (ID) × 800 (L)	Φ318 (ID) × 1200 (L)
Equipment weight	290 kg	350 kg	420 kg
Combustion air	Max. 200 L/min		Max. 300 L/min
Breaker capacity	AC 200 V, 60 A		AC 200 V, 100 A
	3-phase, 50/60 Hz		3-phase, 50/60 Hz
Thermocouple	K		
Exhaust port size	Φ76.3, ststeel pipe		
Safety equipment	Leakage breaker, overheat prevention gauge, control circuit protector		

(*1) Indicates the value at control points inside the heating chamber.

(*2) This is the limit amount of injected gas (exhaust gas converted to room temperature + combustion air) that can be heated to 800°C from room temperature by the combustion equipment. It is not a guarantee of combustion.

* The thermocouple is a consumable part.