

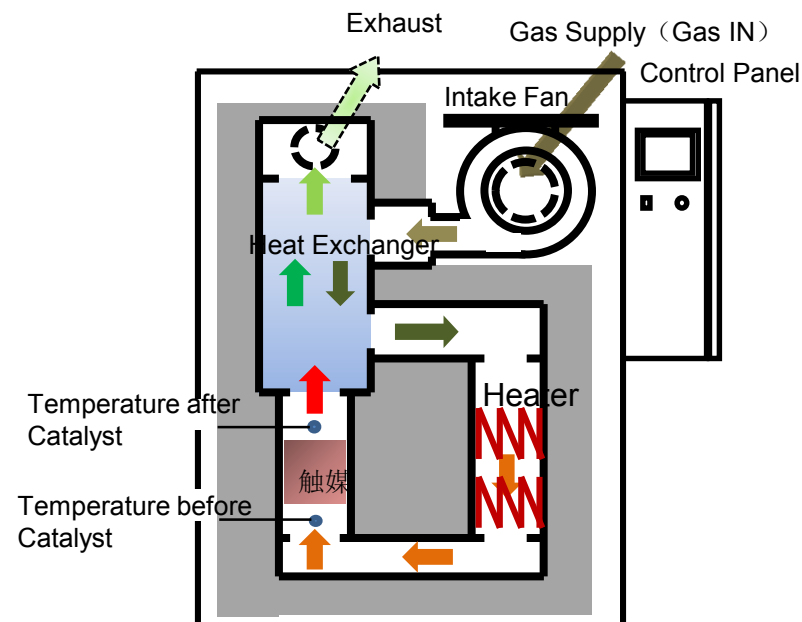


Packaged VOC Catalytic Combustion Machine SHIMAKAWA SEISAKUSYO Co., Ltd.

The best VOC treatment equipment for laboratory or factory



Packaged VOC Catalytic Combustion Machine



Process Flow

Features

- (1) Space-saving design: only need size of W1350×D650×H1550 for the air flow of 3m³/min
- (2) Energy-saving design with plate type heat exchanger only need electricity for power
- (3) Supply gas by pushing and the flow rate can be kept stable

Overview

Developed from the popular packaged VOC treatment equipment 'MD series' and it is more compact, more high-performance and easier to operate. VOC can be combusted under low temperature by minor metal catalyst with high efficiency.

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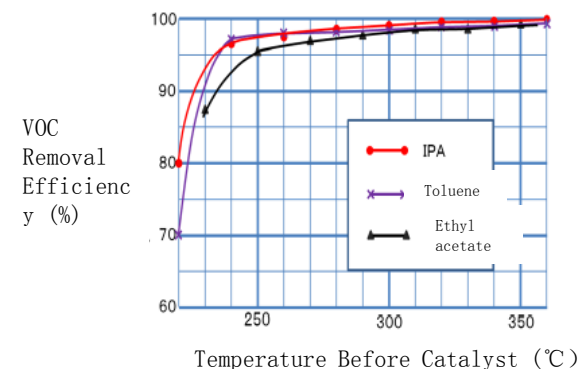
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SHIMAKAWA

Performance /specifications of product

Model		NMD-3	NMD-6	NMD-12	NMD-20
Flow Rate (Nm ³ /min)		1.5~3	3~6	6~12	12~20
Size (mm)	W	1500	1650	1700	3250
	D	890	1050	1350	1380
	H	1770	1850	1870	2230
Heater Capacity (kW)		10	20	40	66
Fan Power (kW)		0.4	0.75	1.5	3.7
Heating Time 20→300°C		Less than 60 min			
Power Supply (A) (380V 3φ 50Hz)		25	40	75	125
Weight (kg)		400	600	900	2000

Efficiency of VOC Removal
(Measured by Total hydrocarbon analyzer)



Usage examples

- For the treatment of exhaust from heat treatment instrument in chemical factory
 VOC like toluene and xylene can be removed by efficiency of 95% with flow rate of 6 m³/min!
- For the treatment of exhaust from instrument for film manufacturing
 VOC like ethanol can be removed by efficiency of 95% with flow rate of 20 m³/min!
- More than 200 of this product have already been in use mainly in chemical factories and laboratories, and so on!



SHIMAKAWA