

Small type fume collector

# FRM-07

Series



Catalog No. E-29-02E

Published in February 2025

Ideal for fume collection during laser marking.

New Release!

The high-pressure design minimizes clogging and ensures consistent airflow for a long duration!

Max Static Pressure **13.5 kPa**

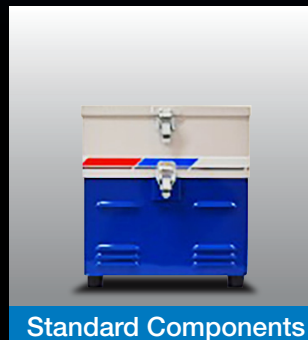
Clamp Type Easy Maintenance

Compact



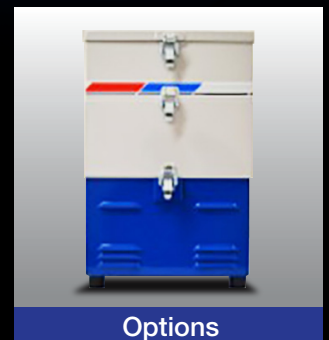
Optional Filters

Provide Flexible Adaptation to Various Environments



Standard Components

- Pre-filter
- Fume Collection Filter



Options

- Activated Carbon Filter
- HEPA Filter

## Specifications Table

Product Name	Fumeresa			
Model	FRM-07	FRM-07C	FRM-07H	FRM-07CH
Type	Standard	Option1 <Absorption of fume odor>	Option2 <Enhanced Fine Fume Collection>	Option3 <Full Option>
Equipped Filters	1. Pre-Filter 2. Fume Collection Filter	1. Pre-Filter 2. Fume Collection Filter 3. Activated Carbon Filter	1. Pre-Filter 2. Fume Collection Filter 4. HEPA Filter	1. Pre-Filter 2. Fume Collection Filter 3. Activated Carbon Filter 4. HEPA Filter
Size	W334×D300×H353 (mm)	W334×D300×H485 (mm)		
Weight	12kg	16kg	15kg	16kg
Operating Environment	Ambient/Inlet Temperature: 0–40°C Ambient/Inlet Humidity: 45–85% RH (No Condensation)			
Power Supply	Single phase 100V 50/60Hz			
Power Consumption	750W			
Max Air Flow	2.4 m <sup>3</sup> /min			
Max static pressure	13.5 kPa			
Noise level	78.6 dB(A) (1 meter from the unit, at maximum airflow)			
Suction port size	φ63			
Standard accessory	Power Cord (2m, Grounded Plug)			



Standard FRM-07

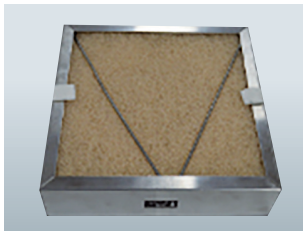


Option1~3  
FRM-07C / FRM-07H /  
FRM-07CH

## Filter Replacement Guidelines

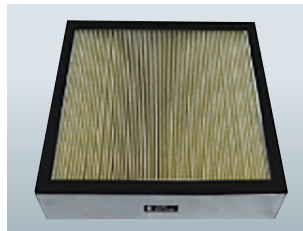
※Replacement timing may vary depending on the customer's usage conditions.

Pre-Filter

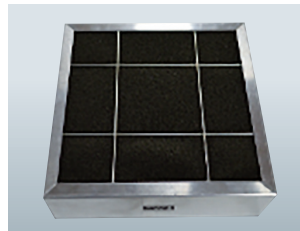


1~6 months

Fume Collection Filter

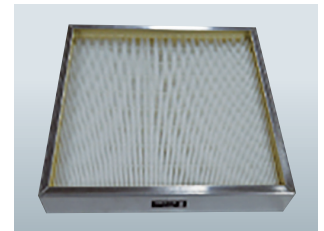


Activated Carbon Filter



1~6 months

HEPA Filter



6 months~12 months

## Application Examples

- Fume collection generated during laser engraving on metal or resin products.
- Fume collection generated during various types of laser marking.
- Collection of odors generated during other processing operations.

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Office Location



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