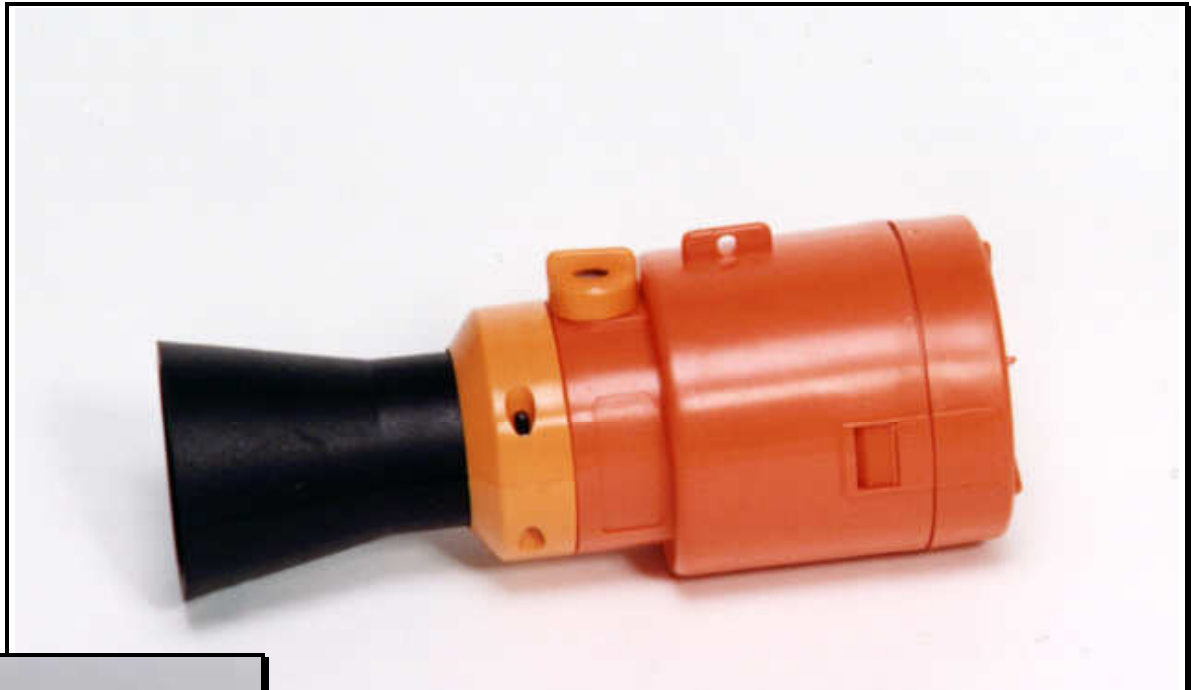


# MF 100 filter unit



Replacement filter.  
Used filters are disposable as  
normal industrial waste.



MF100 filter in use at a car assembly plant.

A compact, highly effective and versatile exhaust filter unit designed for use on vehicles being started or moved within an enclosed environment.

An effective alternative to fixed exhaust extraction systems.

Simple and quick to fit or remove, the MF 100 provides realistic solutions to the problems of controlling vehicle exhaust pollution and in meeting increasing COSHH and Health & Safety regulations.

Increasing awareness of vehicle exhaust pollution and its effect on both human health and the environment has led to dramatic increases in the efforts to control the problem.

The effects on human health , especially within enclosed environments when engines are run from cold is leading to an increase in COSHH regulations.

By controlling the problem at source with the use of exhaust filters fitted directly to the vehicle exhaust outlet, the problem is quickly and effectively controlled.

The filter functions immediately the engine is started and can remain fitted whilst a vehicle is moved within a building. The filters are not designed for road use or where engines will be run under load or at high rpm. , for prolonged periods.

Different cone shapes are available, depending on the application.



Cone 1 - std. cone  
special cone



Cone 2 - short cone



Cone 3 -

### Technical specification

#### Total length

Cone 1	305 mm
Cone 2	280 mm
Cone 3	410 mm
Twin unit	440 mm

#### Diameter

Single unit	110 mm
Twin unit	230 mm

#### Weight

Single unit	780 grams.
Twin unit	2.3 kgs.

#### Maximum constant temperature

170 °C	Max. temperature - 30 secs.	220 °C
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#### Maximum engine capacity

3.5 litres	Maximum engine speed	2,500 rpm
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#### Average number of stop/starts

>280 petrol	>120 diesel	(2.0 litre eng)
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#### Filtration

Particulate separation	> 99.0%	Oxides of Nitrogen (Nox)	~ 80%
Carbon Monoxide(CO)	~ 50%	HC Separation	~ 35%

Designed and manufactured in the UK

# METRO EQUIPMENT

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