



# FIRST FOR RESPONSE

IPU's DDM-4 MU Mobile Filtration Solution:  
High Performance Fuel Polishing on the move!

## HOW CLEAN IS YOUR FUEL?

The DDM-4 MU: a fuel diagnostic & contamination removal solution in one mobile product, custom built and designed to meet any of your requirements.



## EXTENSIVELY SPECIFIED INTO:

- /// Standby Power Generation
- /// Data Centres
- /// Bulk oil/fuel storage facilities
- /// Forecourts
- /// Industrial Tank Cleaning
- /// Mining/Quarrying
- /// Port & Harbour Authorities

# ANY PLACE, ANY TIME MOBILE FILTRATION SOLUTIONS



## INTRODUCTION

IPU are proud to introduce the ultimate in mobile filtration. With a unique combination of powerful throughput, ease of use and complete mobility, the DDM-4 MU is the leader in its class. For immediate clean up jobs, it is ready for instant deployment, giving you the freedom to manage and maintain high volumes of fuel wherever you are.

## DDM-4 MU ATTRIBUTES

- UK manufactured and supported, the DDM-4 MU is custom built to your specifications. Our in-house design experts will work alongside you to produce the perfect system for you; always ensuring your system is fully compliant to industry standards.
- Powerful throughput of up to 500 L/min\* ensures high volumes of fuel are polished quickly and efficiently. Built within a robust mild stainless steel frame ensures safety and security when transporting to and from site. The unit includes its own built in generator so power supply is never a problem.
 

\*Higher flow modules available on request.
- High performance filter cells configured in a series flow path and high capacity filter housings ensure both solid and bacterial contamination are removed down to a cleanliness of ISO 18/16/13 or better whilst also allowing staged filtration and exceptional water removal.
- The unparalleled performance of Filtasorb2 cells removes all free water and 99.9% of entrained water to a phenomenal 100ppm or less.
- The system can be set up to run as frequently as required and an alarm will indicate if there are any problems, allowing the unit to be left unaided.
- A full range of additional options are also available. Particle counters can be included for analysis, as well as bacterial fuel conditioners, flow meters and more. Whatever your application, we have an option for you.
- Perhaps you need on-site verification of cleanliness levels? Practical quick connect fittings allow for instant plug-in to the Particle Pal fuel cleanliness analyser, allowing real time results in ISO/NAS/SAE in a matter of minutes.

## SIMPLE PLUG IN AND PLAY SYSTEM

For ease of use, all of our Mobile Filtration Solutions are plug in and play. With a built in generator, it is as simple as fitting the filter and connecting the hoses to begin polishing your fuel to incredible standards.

## FEATURES

- High flow rates
- Trailer mounted and fully contained
- Cleanliness levels of ISO 18/16/13 or better
- Water removal down to 100ppm or better
- User friendly operation

## BENEFITS

- Instant mobility
- Low running costs
- Fuel quality guaranteed
- Speedy return on investment
- Simple to use



The system is manufactured onto a robust mild steel frame before being fitted inside an enclosed trailer, allowing safe and easy transportation to and from site.



Intuitive, user-friendly Control Interface



Connect to your particle pal for real time cleanliness, Trending and archive creation



Pressure gauge indication of system performance and integral drip tray included as standard



**300%  
GREATER  
WATER ABSORPTION**

**Filtasorb<sup>2</sup>**  
Next generation  
Water absorbent filtration media

# UK MANUFACTURED

## SPECIFIED INTERNATIONALLY

### DDM-4 MU

#### TECHNICAL SPECIFICATION

<b>Model</b>	DDM-4 MU
<b>Dimensions</b>	2260 cm (W)   150 cm (D)   1495 cm (H)
<b>Flow Rate</b>	Up to 500 L/min - high flow rates available on request
<b>Frame</b>	Mild steel construction
<b>Finish</b>	Powder coated
<b>Voltage</b>	415 VAC (2 P+N+E)
<b>Frequency</b>	50 Hz ±2%
<b>Current</b>	32 Amps supply
<b>Power</b>	3 KW
<b>Motor Protection</b>	3 phase motors are provided with an automatic thermal protection switch
<b>Pump</b>	Progressive cavity
<b>Duty Cycle</b>	Continuous
<b>Noise Level</b>	<70dB @ 1 meter
<b>Filtration</b>	4 Filter cells for particulate & solid contamination removal to 18/16/13 or better Water removal with Filtasorb2 to under 100ppm
<b>Filter Indicator</b>	Visual differential pressure/control panel
<b>Pressure</b>	10 bar max
<b>Temperature</b>	-5 - +80°C max
<b>Medium</b>	Diesel
<b>Environment</b>	IP55
<b>Connections</b>	2" Camlock / Valved
<b>Over pressure safety</b>	Electrical 3.5 Bar/ Mechanical 4 Bar