

GRD GRADUATE

- a mobile ductless fume cupboard -



FUME  CARE

GRD GRADUATE

The Graduate is a mobile Fume Cupboard with all-round viewing windows. This makes it ideal for demonstration purposes and laboratories requiring a unit that is easily manoeuvred. Simply plug-in for immediate use.



Harmful fumes pass through the units filters, re-circulating clean air back into the laboratory.



There is no need for expensive ducting to be installed due to the units recirculatory airflow.



The safety alarm will alert the operator if face velocity falls below 0.3 M/Sec.



Its ductless construction allows for the unit to be easily moved.



Carbon and HEPA filters are available to suit most laboratory applications.



Quick release hose connectors for Gas, Water and Waste.



Clear Acrylic panels allow for 'all-round' viewing.



Internal lighting illuminates the work surface.



SPECIFICATION

Catalogue No	GRD-001
Dimensions (WxDxH), mm	1000 x 700 x 1750
Main Filter 12kg (qty)	1 (Option: Hepa for Smoke experiments)
Airflow (m3/hr)	250
Prefilter (efficiencies superior to 99.6%)	1
Face Velocity (m/sec)	>0.4
Electrical Supply	Single Phase, 230v, 50Hz
Noise (dBA)	55
Switches	Mains ON/OFF - Lights On/Off
Monitoring	Low Airflow Indicator (Real Time Display)
Lighting (watts) LED	15
Fan	Low Noise DC Centrifugal
Cabinet Construction	Epoxy coated zintec steel
Side Panel Construction	Clear Acrylic

ACCESSORIES

Catalogue No	Description
GRD-DOCK	Gas, Water & Waste Docking Station
FCM-PRF	Pack of 6 Prefilters
FSA-200	Solvent Detection Alarm System
EMS-250	Electronic Monitoring System

DOCKING



The Fumecare Graduate Docking Station provides secure connection of Gas, Electricity, Water and waste services for the Graduate mobile fume cabinet.



The cabinet is simply wheeled in to place for the demonstration, the front wheels are locked and the services connected.

FILTERS

To ensure operator protection, the correct filter selection is critical. When ordering please refer to the filter selection chart and also state the containments being used.

Filter Type	GRD - Designed specifically for this unit. Filters all chemicals typically found in an educational establishments chemistry curriculum.
Main Filter No.	FCM-100
Filter Type	HEPA - Additional Hepa filter to remove smoke and fine dust from experiments generating smoke
Main Filter No.	FCM-030-40

UK DESIGN AND MANUFACTURE

Designed and built in our Merseyside ISO 9001 accredited facility.

