

# Particulates/Dusts



## Sampling With Filters

Filters and sample heads come in a range of sizes. Most European countries now suggest the I.O.M. Multidust sampler for many filter sampling applications.

The I.O.M. Multidust (Institute of Occupational Medicine Edinburgh) sampler uses 25mm diameter filters for inhalable dust sampling, and is run at a flowrate of 2 L/min. To identify the correct filter type, refer to the Air Sampling Guide in the sampling guide section of this website.

For Gravimetric analysis only, it is suggested that GFA filters (SKC part 225-58F) per MDHS 14/3 are used as they have proven to be extremely stable with respect to temperature and humidity and do not suffer from static interference.

The I.O.M. Multidust is a flexible sample head which can also be used with foams to give a respirable measurement. It is also used with treated filters in the sampling of isocyanates following MDHS 25.

I.O.M. Multidust:-

- \* Offers multi-fraction sampling
- \* Specified in MDHS 14 (dust)
- \* Complies to MDHS 6 (lead)
- \* Cassette system eliminates excess handling of filter
- \* Stainless steel cassettes available
- \* Cap & clip with every unit
- \* ATEX certified

SKC offers a range of other sampling heads, depending on preference and application.

## Complying to Legislation

A hazard may be subject to limits as laid out in EH 40. Our guide gives information on how to carry out compliant sampling under COSHH.

## Which Sample Pump

SKC offers a wide range of capable sampling pumps:

AirChek 2000, Sidekick and Universal ranges offer a variety of models to suit your needs. (Sidekick and Universal ranges are ATEX certified).

## Ready made kits - keeping it simple

An SKC dust/particulate sampling kit is an excellent starter package to ensure you have all the accessories you need. See our range of kits in the latest catalogue or in the products section of this site.



IOM Cassette



IOM with foam

Dust sampling kit with IOM and Sidekick pump.



Support, Knowledge, Choice