



## Air Sampling Accessories



P109009A

All the sampling heads are designed for use with a controlled rate of air provided via a personal air sampling pump. Sampling media are placed inside the heads directly, or via cassettes and the sample analysed or weighed gravimetrically afterwards. Inhalable sampling heads collect a particle size distribution of 100 micron and smaller.



116000B

Respirable fraction sampling heads are specifically designed to separate out the smaller dust fractions, which travel further into the human airways, and are generally more harmful. The collection efficiency curve meet the ACGIH/ISO/CEN standards for a respirable curve with a median 50% cut point of 4µ. The cyclones work by physical separation of particles, whilst the Conical inhalable head operates by utilising size selective foams which can also give the PM fractions of particulates.

### Sampling Heads

#### Inhalable Fraction

Cat No.	Description	Quantity Unit / Pack Size
P109009A	Inhalable dust sampling head with plastic cassette	1
P101008	Inhalable sampling head complete with metal cassette	1
P109010	Plastic cassette for inhalable sampling head, with transport clip	1
P109056	Metal cassette for inhalable sampling head, with transport clip	1
P109015	PUF respirable filters (foam inserts for inhalable sampling head)	1
P101009	Bioaerosol Button Sampler (for sampling inhalable dust including bioaerosols for viable/ non viable analysis)	1

#### Respirable Dust Fraction

Cat No.	Description	Diameter (mm)	Quantity Unit / Pack Size
116000B	Plastic cyclone (Higgins-Dewell)	25mm	1
P104044	Pack of plastic cassette (25mm) for plastic cyclone	25mm	1
P104096	Pack of plastic cassettes (37mm) for plastic cyclone	37mm	1
P101010	Dorr Oliver Cyclone assembly. Consists of a two-stage cyclone and lightweight aluminum frame, which mounts a standard 2 or 3 piece 37mm filter cassette.	37mm	1
P101011	Nylon Respirable Cyclone (10mm) Dorr Oliver Style	10mm	1
P101012	Aluminum Cyclone for Respirable Dust- (for use with 37mm cassettes)	37mm	1
P101013	Zefon Aluminum Cyclone for Respirable Dust with Holder	37mm	1
P101014	Universal Cassette and Cyclone Holder		1
P101015	Aluminum Cyclone Calibration Chamber		1
P101016	Calibration Jar for Dorr Oliver cyclones		1
P101017	Replacement Grit Pots for Aluminium cyclone,(pk 25)		Pack of 25
P101018	Replacement O rings for Aluminium cyclone		1
P118200	Conical Inhalable Sampler (CIS)		1
P108201	Plastic cassette for CIS (Conical Inhalable Sampler)		1
P118204	PUF PM2.5 filters (foam inserts) for CIS		1
P118203	PM2.5 Cassette for CIS		1
P118208	PUF respirable filter (foam inserts) for CIS		1
P118207	Respirable cassette for CIS		1
P118206	PUF PM10 filters (foam inserts) for CIS (PK10))		Pack of 10
P118205	PM10 cassette for CIS (All PUF are supplied in packs of 10)		Pack of 10

#### Other Heads

B8254/Z	Total Inhalable sampler (7 Hole or MMMF head)	25mm
B8255/Z	25mm Nylon open faced filter holder	25mm
B7632/Z	37mm Nylon open faced filter holder	37mm
B8221/Z	Filter head for lead sampling (single hole)	
AB8299/Z	Filter head for welding fumes	
P109049	Swinnex sampling head for Rosin / Welding fumes with tubing	13mm