

US-EPA PM10 inlet



The EPA Louvered PM10 inlet is a field and laboratory proven method for PM10 particle aspiration. This inlet is used with both FRM PM10 and PM2.5 low volume samplers as well as TEOM and BAM monitors

US-EPA VSCC



Particle Size Cut PM2.5 at 16.67 LPM
U.S. EPA approved PM2.5 separator (40 CFR 50)
U.S. EPA FRM Designated PM2.5 Separator for ALL Commercial FRM Samplers

Vacuum Pump for TEOM and BAM



Vacuum pumps for particulate monitors and samplers
Made by Thomas (Gardner Denver)
Oil-less, non-lube piston and cylinder
Long-life, high performance piston seal

PVDF and PFA fitting/connector



Available in PVDF and PFA, for corrosive gases and acids
NPT or BSP threads, metric or imperial
Male and Female screw connectors, straight and elbow, T-piece and Y-piece
Union, bulkheads, sealing caps, and more

Flexible tube and hose



PTFE, PVDF, PFA and Silicone materials
Metric or Imperial diameters
Various thicknesses

2-way, 3-way, 5-way Switching valve



Material PVDF or PFA, G1/4" terminals or other sizes
For corrosive gases
max operating pressure 10 bar
media temperature -30 to +140°C

TX40 Filter for TEOM



Genuine TX40 filters
In packs of 10 or 20
For TEOM 1400 and 1405 variants

47mm Membrane Disc Filter



Strong, Chemically Resistant Membranes for Air Monitoring and Sampling in aggressive environments

Oil and Lubricant



Dow Corning lubricant for PM10 inlet
Wins Oil for PM2.5 inlet
Molybdenum grease for mechanical parts

Disposable Gas Canister



34 lit, 58 lit and 110 lit content
Mix gas for various components such as O₂, CO, NO, NO₂, SO₂, H₂S, CH₄, C₃H₈, NH₃, etc.
Various types of regulators with different flow rates

Calibration Gas Mixture



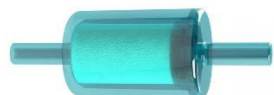
Stainless Steel or Aluminium Cylinders
Traceable to NATA
Low ppm, High ppm and Percentage
Size D, E and G

Multi-Gas Dilution Calibrator



Dilution air flow: 0-5 SLPM / Gas cylinder flow: 0-50 SCCM
Automatic multi-point calibration
Internal zero air supply and optional internal gas cylinder
Gas phase titration for NOx converter test

Disposable In-line Filter



1/4" Inlet / Outlet
11.5cc of Volume
100% Grilamid TR 55 Blue Nylon body
Fluorocarbon Borosilicate Glass
Microfiber Element
Standard Flow at 100 PSIG is 4.2 SCFM

Disposable In-line Filter



1/4" NPT Inlet / Outlet or 1/2" Slip On Connection, 120cc of Volume
100% Grilamid TR 55 Blue Nylon body
Fluorocarbon Borosilicate Glass
Microfiber Element
Standard Flow at 100 PSIG is 17.0 SCFM

HEPA filters for zero test



Ensures High Efficiency Particulate-Free Air (HEPA)
Porous membrane delivers high air flow rates with extended filter life
Particulate-free air 99.97% retention of 0.3 µm aerosol

Meteorological Sensor



2D and 3D Ultrasonic Anemometers
Wind speed, Wind direction, Temperature, Humidity
Barometric Pressure, Solar Radiation, Pyranometer, Tipping Bucket Rain Gauge, Sunshine duration, ... and more

Reference Flowmeter



MesaLab (BGI) TetraCal flowmeter
MesaLab (BGI) DeltaCal flowmeter
TSI Primary Flowmeter 4146
MesaLab (Bios) Defender 510, 520, 530 range

Manifold



For distribution or collection of air and gases
Material PP or PVDF
Various types for 3, 5, 8 or 10 outlets
With or without shut-off valves

Filters and Filter Element



Wall mount or panel mount
 Different porosities for
 1µm, 2µm, 25µm retention rate
 Coalescing filters
 PVDF filters with Viton Seals
 for corrosive media

Peristaltic Pump



For safe condensate drainage
 Flow rate 1 l/h, 300 ml/h,
 61 ml/h, or 13 ml/h
 Single or Dual head
 Long life Norprene tube

Condensate Vessel



400 cc or 1 lit capacity
 With drain valve
 Optional liquid level switch
 Made from corrosive resistance
 DURAN glass

ENVISYS

Portable Sample Gas Conditioning System



For stack testing or process monitoring
 L=Light weight
 Consists of cooler with condensate trap,
 filter and pump
 Optional moisture detector
 and/or flow meter

Rotameter / Flowmeter



Flow rate indication and measurement
 With/Without Needle valve
 For air and corrosive gases
 Optional flow switch and controller

Heated Sample Line



Self-regulated, temperature range
 +65 to +120°C
 Regulated with controller for
 temperature range 100 to 200°C
 Safe area or
 ATEX / IEC Ex for zone 1 or zone 2



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 Environment and People*

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ACCESSORIES AND CONSUMABLES AIR QUALITY MONITORING AND EMISSION MONITORING