Our Air Sampling System is designed to meet international Standards (including US EPA Quality Assurance Standards) for the continuous sampling of ambient air.

FEATURES

• Robust design suitable for most ambient air gas sampling applications.
• System extends from above the roof of an ambient air monitoring shelter.
• Sampling system can be easily removed for transportation and capped to prevent rain entering the shelter.
• All surfaces in contact with sample air are constructed of glass with a Teflon raincap.
• The sample manifold is available in heated or unheated configurations.
• Heated manifold operates just above ambient temperature to prevent sample condensation.
• Both heated and unheated inlets are equipped with a blower to ensure minimal sample residence time.
• Sample loss and interferences are minimised.

SPECIFICATIONS

Outlets: 6 x 6mm fittings (suit 6mm or 1/4" tube)
Sample surface: Teflon and glass
Outer pipe: PVC (S/S optional)

STANDARD ACCESSORIES

• Six ports
• Timber transport casing
• Raincap
• PVC sample inlet protector
• Roof flange (with 50mm roof spacer supplied—specify roof thickness on order)
• Top tube length (1.6m & 2.6m)

OPTIONS

• 8 ports
• Flow control with flow meter and flow alarm
• Stainless steel inlet protector
• Outlet duct kit
• Trace gas version with 8307 pump option
• Different lengths of top tube
• Other configurations on request
PRODUCTS

**Part Number** | **Sample Manifolds/Inlets/Controllers**
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ECO-1010 | Glass Sampling Manifold (Unheated) 1.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation and sample blower: 220-240 VAC 50/60hz

ECO-1010-2.6 | Glass Sampling Manifold (Unheated) 2.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation and sample blower: 220-240 VAC 50/60hz

ECO-1010-115 | Glass Sampling Manifold (Unheated) 1.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation and sample blower: 110-120 VAC 50/60hz

ECO-1010-115-2.6 | Glass Sampling Manifold (Unheated) 2.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation and sample blower: 110-120 VAC 50/60hz

ECO-1011 | Glass Sampling Manifold - (Heated) 1.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation, heated tape and controller, sample blower: 220-240 VAC 50/60hz

ECO-1011-2.6 | Glass Sampling Manifold - (Heated) 2.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation, heated tape and controller, sample blower: 220-240 VAC 50/60hz

ECO-1011-115 | Glass Sampling Manifold - (Heated) 1.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation, heated tape and controller, sample blower: 110-120 VAC 50/60hz

ECO-1011-115-2.6 | Glass Sampling Manifold - (Heated) 2.6m Top Section
Glass Manifold with inlet cap and 6 outlets, P.V.C. protection tubing, insulation, heated tape and controller, sample blower: 110-120 VAC 50/60hz

ECO-8307 | Model 8307 Controller for Manifold Pump
Enables pump to be turned on and off. Typically used with Trace Systems where the manifold is flooded by calibration gas. Doesn't include pump. (Use standard pump - part no: P030004 for 230/240V 50hz pump OR part no: P030005 for 110/115V 60hz pump.

ECO-1025 | Exhaust Manifold

RELATED PRODUCTS

**Part Number** | **Sample Inlet Probe**
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ECO-1000 | Includes: Aluminium casing with brackets and teflon line, fittings and cap
Single outlet port (suit 1 or 2 analysers)

ECO-1000SLH | Sample Line Heater for use with ECO-1000 in humid environments

**Part Number** | **Flanges**
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ECO-1001P | Flange Set 32mm Nominal used for BAM1020 and in compact enclosure for TEOM

ECO-1002 | Flange Set 40mm Nominal including PVC Inlet Pipe Set (used with TEOM)
Includes H050001 Flange Set

H050001 | 40mm Flange Set included in ECO-1002 and with glass manifolds

For your local certified distributor visit:
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