

International Airway Bill No.:

Description of Contents: Method 5 Sampling System

Item	Description	Quantity	Unit Price	Total Price
Manual Method 5 Sampling Systems:				
1	M5-S1-MV Basic Method 5 Sampling System, 220V, Metric, with the following: (1) C-5100-X Console with Open Frame Pump with dry gas meter (1) M5-SC6 Modular Sample Case (1) PRA-S5 Heated Stainless Steel Lined Probe Assembly, 5' Effective Length (2) PRL-P5 Pyrex Probe Liner, 5' Effective, #28 Ball W O-Ring (1) UC-25 Umbilical Cable, 25' (1) M5-UA Umbilical Adapter (1) PRNS-S Stainless Steel Nozzle Set Of 7 Sizes, 1/8"-1/2" (1) GSBO-3 Single Glassware Set, Precision Ground Ball Joint, O-Ring (1) GF3-107 Glass Fiber Filters, Box Of 100 (1) M5-CK7 Probe Brush (4) M5-CK5 Probe Brush Extension Rod, 18" (1) M5-PC-TI83 Pre-Programmed TI-83 Calculator, Isokinetics, Immediate Display and Updates (2) M5-SRS-5 Suspension Rail System	1		
2	Calibration: CO-QC8-B-Set Critical Orifice Set of 5 Calibrated orifices with 1/2" QC stem, brass, calibration report, spreadsheet diskette, in foam-lined case	1		

Notes:

1. Shipping costs are based upon the following weights and dimensions:

Box 1: 62lb; 20 x 15 x 26"

Box 2: 45lb; 21 x 16 x 14"

Box 3: 49lb; 19 x 13 x 26"

Box 4: 39lb; 19 x 13 x 26"

Box 5: 62lb; 99 x 7 x 6"

257 pounds total

2. Terms: Payment due on order either by wire transfer or credit card.

3. Validity: 60 days.

Thank you for the opportunity to provide you with this quotation. We look forward to being of support to you and your company.



STACK SAMPLING EQUIPMENT SPECIFICATIONS

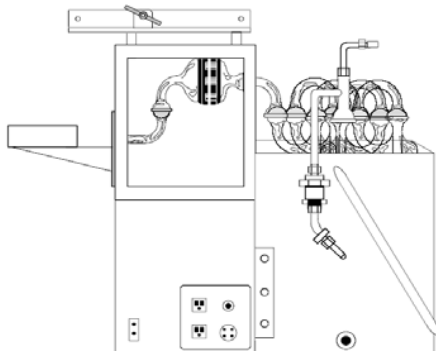
ISOKINETIC STACK SAMPLING SYSTEM:

Isokinetic Source Sampling Console with Open Frame Pump

- Calibrated Direct Reading Metric Unit Digital Dry Gas Meter
- $Y = 1.0 \pm 0.05$ (Variation less than 2%); $\Delta H@ = 46.736 \pm 3.81$ (Variation less than 5.08)
- Dual Inclined Manometer, 254mm Vertical Scale, 25.4mm Incline, 0.1mm Incline Resolution, Positive Brass Shutoff Valves for Transport
- Individual Solid State Temperature Controllers for Probe and Filter Oven Circuits
- LED Centigrade/Fahrenheit Temperature Readout with 7-Station Selector Switch
- Auxiliary Thermocouple Jack for Handheld Temperature Readout
- Power, Pump, Timer, Null Solenoids and Orsat Pump Switch Controls
- Individually Fused Circuitry Located on Easily Accessible Panel
- Resettable Elapsed Digital Timer Readable to 0.01 min.
- Coarse and Fine Flow Control Valves
- $\frac{1}{2}$ " Sample Line, $\frac{3}{8}$ " Pitot Line and $\frac{1}{4}$ " Orsat Line Quick Connect Fittings
- 0-30"Hg Vacuum Gauge
- Modular Electrical and Plumbing Panels and Removable Front and Rear Access Doors
- Lightweight 0.090" Aluminum Housing, Stainless Steel Latches, Handle and Hardware
- 110V/60Hz or 220VAC/50/60Hz Power Supply, 4-pin Amphenol Military Style Power Supply Connector
- Leak Free External Fiber Vane Vacuum Pump in Open Frame Housing,
- 88LPM @ 1"Hg, 57 LPM @ 15"Hg, 26"Hg Maximum Vacuum

Modular Sample Case with Heated Filter Box and Insulated Impinger Box

- Aluminum Housing with Stainless Steel Latches and Hardware Holds 3" or 4" Nominal Filter Assemblies
- Removable Stainless Steel Probe Support Clamp
- Type K Thermocouple Jack
- Modular Electrical & Heater Panel, 700 Watt Heater, 110V/60Hz or 220V/50Hz
- Removable Aluminum Faced $\frac{1}{2}$ " Fiberglass Insulation Panels
- Stainless Steel Slide and Locking Hardware for 3 Sizes of Cold Box
- (4-6, 6-8, or 8-12 Impinger Sizes)

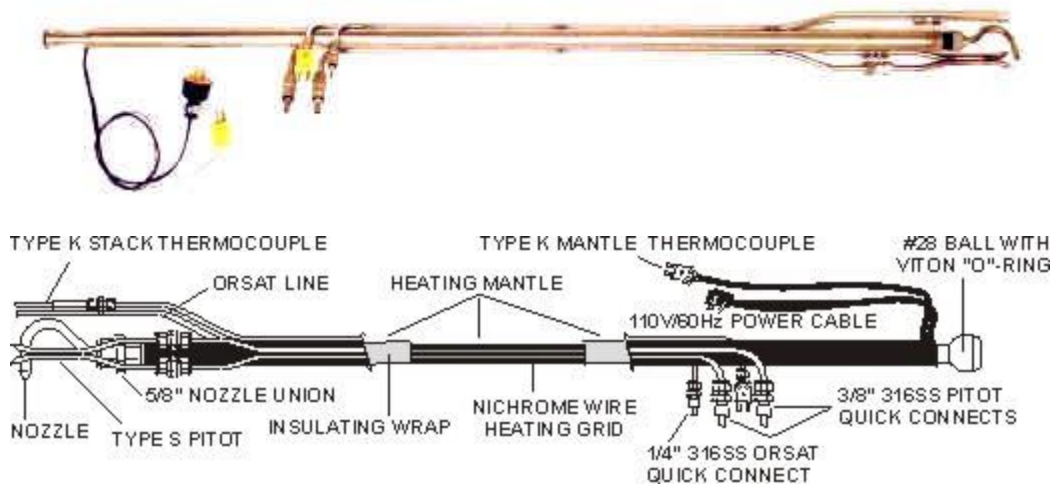


Umbilical Cable

- Flexible Construction with Abrasion Resistant Low Friction Overbraid
- One High Vacuum Sample Line (300 psi) with ½" Quick Connect Couplings, Three Kink
- Resistant Vinyl Pressure Lines with Quick Connect Couplings, Five Thermocouple
- Lines, One Five-Conductor Power Cable with 4-Pin Military Style Amphenol
- Connectors, Full Length Nylon Strain Relief Cable

Isokinetic Sampling Probe

- Corrosion Resistant Stainless Steel, Welded Construction
- Available in High Temperature Inconel Alloy 600
- Orsat Line with ¼" QC, Pitot Lines with 3/8" QCs and Removable Pitot Tip, Stack and Probe Type K Thermocouples, Removable 110VAC or 220VAC Heating Mantle, Removable Liners Available in Pyrex, Stainless Steel, Quartz and Inconel Alloy 600



Isokinetic Sampling Nozzle Sets

- 7 Sizes from 1/8" (3.175mm) to 1/2" (12.7mm) in Foam-Lined Case
- Available in Pyrex, Stainless Steel, Quartz and Inconel Alloy 600

Glassware

- Available Heavy Wall Borosilicate Glass with Precision Ground #28 Ball with O-Ring and Socket Connections, Leak-Free Performance With or Without O-Rings
- Standard 82.6mm Filter Assemblies with PTFE Filter Support Frit and Rapid Assembly/Release Clamp Ring Assembly, Eliminates Need for Filter Tripod

