Dirty Air Sampling Kit

Why use this kit?
The Dirty Air Kit is primarily designed to be used with an Iso-kinetic Fuel Sampler. Measurement of burner line velocities is used to establish individual burner line coal sampling extraction rates.

The Kit Includes:
• Calibrated Dirty Air Probe
• 10” Incline Manometer with case
• 24” U-tube Manometer
• 4 Synthetic Dustless Connectors (with seals)
• 4 Replacement seals for Dustless Connectors
• Digital thermometer
• 24” stainless steel static/temp probe
• 15’ Section of Double Tubing
• 6’ Section of Triple Tubing
• 2’ Retractable thermocouple lead (K) expandable to 10’
• Impact resistant carrying case
• Instruction manual

In addition to establishing coal sampling extraction rates, use of the Dirty Air Kit can also:
• Provide a quick means to determine whether pulverizer air-to-fuel ratios are proper.
• Evaluate burner line to burner line air distribution/balance.
• Establish with certainty whether a burner line is plugged.
• Calculate pulverizer “in-leakage” quantities on suction type pulverizers and provide an estimate of seal air quantities on pressurized pulverizer systems (when combined with pulverizer inlet airflow measurement).