For instances where the only goal is collection of a representative coal sample from the burner line for fineness analysis, Innovative Combustion Technologies offers a heavy-duty version of the ASME/ASTM type coal sampler.

Manufactured with 304 stainless steel and aircraft grade aluminum, ICT’s ASME/ASTM type fineness sampler has superior durability compared to thinner gauge, galvanized sheet metal sampler designs. The ICT ASME/ASTM Coal Sampler is an adaptation of and shares many of the same components with the ICT Iso-kinetic Coal Sampler. We prefer and recommend the use of the Iso-kinetic Sampler in instances where additional information (fuel balance, fuel recovery, air/fuel ratio, etc.) or a higher level of precision is required.

The ICT ASME/ASTM Coal Sampling Kit comes standard with two synthetic dustless connectors. Also available is ICT’s aluminum dustless connector, offering a more durable alternative. The glass sampling jar that is so easily broken on the older samplers has been replaced with a high density plastic jug. The jug has mason jar threads for quick emptying of the collected sample, an O-ring to prevent leakage and its one gallon size is large enough to handle any sampling job.

The ASME/ASTM Coal Sampling Kit includes:

- (1) Coal Sampling Probe
- (1) 10’ Section of Spring Reinforced Hose w/Clamps
- (1) 1 Gallon Plastic Jar for Coal Sample Collection
- (1) Airflow Control Valve, Aspirator Assembly, and Gauge
- (1) Cyclone Separator

ICT’s ASME type coal sampler comes with ICT’s Cyclone Separator, manufactured from a solid piece of aircraft grade aluminum, making our cyclone superior in strength and durability compared to the makeshift sheet metal substitutes.

ICT’s Filter Canister catches fines preventing the escape of fugitive dust. Older, antiquated samplers are miserable to use due to the large quantity of fugitive coal dust escaping the cyclone. This dust is a nuisance, a house keeping issue, a hazard, and can bias the results of your test.

Replace your antiquated sheet metal sampler with a durable, sampler manufactured from Stainless Steel and Aircraft Grade Aluminum.

ASME/ASTM Coal Sampling Kit from Innovative Combustion Technologies, Inc.

Part # ICT-ASME-01

- (1) Filter Canister
- (2) Synthetic Dustless Connectors
- (4) Replacement Seals for Dustless Connectors
- (1) Box of Standard Filter Paper (50 sheets)
- (1) ASME/ASTM Coal Sampling Manual/Procedure

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