

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



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.



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.

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.



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.

ASME/ASTM Coal Sampling Kit

from Innovative Combustion Technologies, Inc.

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 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
- (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

Part # **ICT-ASME-01**



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