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APPARATUS
TEST METHOD
D5452

BULLETIN 151
3/00

Support Stand and Apparatus for ASTM TEST Method D5452

Designed for Safety from
Electrostatic Hazards During
Filtration

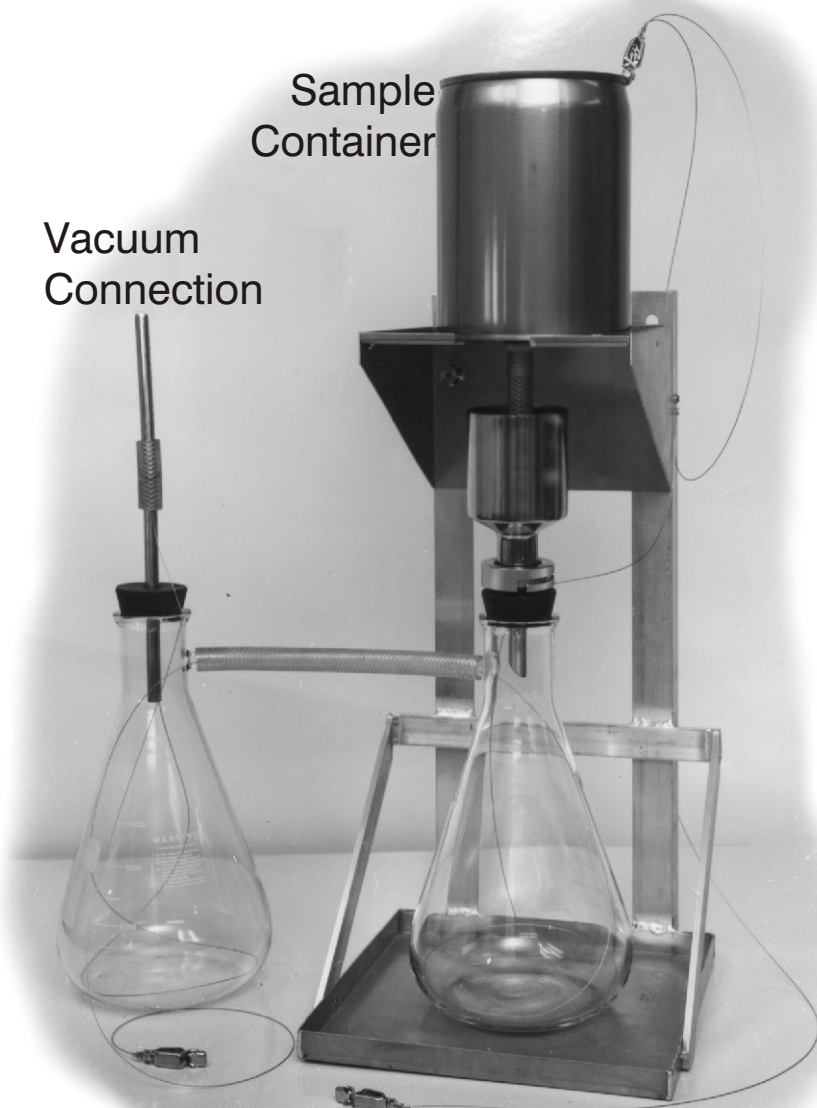
For Collection of Solid
Contaminants for Gravimetric
Determination

Hands-Free Method for
Dispensing Sample to the
Filter Funnel

Support Stand in accordance
with ASTM Method D5452

Stable Support is Adjustable,
Aluminum Construction

Accessory Items for D5452
Procedure also Available



This apparatus is well suited to perform three tests:
Gravimetric determination of particulate content, per D5452.
Membrane color per D5452
Filter time test per US Air Force Technical Manual T.O. 42B-1-1

Designed to Avoid Electrostatic Hazards

Eliminates Need to Hold Container While Pouring into Funnel

As described in ASTM Method D5452, the Support Stand is designed to hold the container that was used to collect the sample in the field. There is no need to transfer the sample from the collection container to another container, thereby eliminating possible contamination from the second container.

Using a flexible dispensing tube assembly that fits the thread of the port in the top of the collection container, the operator kinks the tube to prevent release of fuel when the container is turned upside-down to place it on the support stand upper shelf. The tube is then positioned in the filter funnel before releasing it. This allows fuel to fill the funnel but it will not overflow because air must return to the container through the same tube. The filter funnel remains full in the same way that a bird-feeder operates.

Vacuum in the collection flask draws fuel through the membrane filter disk that is positioned at the base of the filter funnel. Hands-free operation is assured. The operator is no longer required to hold the container as fuel is poured into the filter funnel. The potential for spillage is virtually eliminated.

HOW TO ORDER

GTP-8197	Support Test Stand
TL-8198	Filter Holder/Funnel Assembly
TL-8199	Flask, 4 liter, graduated
TL-8369	Dispensing Plug for 1 gallon sample can
TL-8370	Dispensing Cap for 1 gallon sample can
TL-8372	Flask to Flask Connect Hose
TL-8373	Vacuum Attachment/Stopper Assembly
TL-8374	Flask Bonding and Grounding Cable
TL-8375	Apparatus Bonding and Grounding Cable
TL-8368	Complete Apparatus Assembly