



Sepor Micro Riffle Splitter (Jones Type)

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LOCATIONS

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Description:

The Sepor Micro Riffle Splitter (Jones Type) is precisely designed to reduce a small, fine powder sample (25 grams to 1,000 grams) of material to a convenient representative sub-sample for laboratory analysis. A hopper receives the material to be split then distributes the material through a series of equally divided chutes, sending 50% of the sample to the left side pan and 50% of the sample to the right-side pan. The Sepor Micro Riffle Splitter is simple and easy to use. It is very easy to clean up, with all parts open and easily accessible. The dimensions used to size each Sepor Micro Riffle Splitter are, first, the chute width, second, the number of chutes, and third, the length and width of the hopper.

Construction:

The Sepor Micro Riffle Splitter consists of a stainless-steel hopper, stainless steel and anodized aluminum riffle bank, and stainless steel frame with support legs. An all stainless steel version of the Micro Splitter is available, with 1/16" wide chutes and 1/8" wide chutes. 2 stainless steel sample pans are supplied with each Sepor Micro Riffle Splitter.

All stainless steel used in the Sepor Precision Riffle Splitter is 304 SS. The anodized aluminum used in the riffle banks is a hard aluminum alloy.

Catalog Number	Description	# of Chutes	Hopper Dim. (L" x W" x H")
040G-000	1/8" Chute width, Aluminum/SS Hopper	14	4.5 x 4.5 x 6.5
040G-001	Hi Back Pans, Aluminum		2 x 3 x 3
040G-002	Large Sample Pan, Aluminum		3 x 5 x 3
040G-004	1/8" Chute width, All Stainless Steel	14	4.5 x 4.5 x 6.5

Sepor Precision Riffle Splitter (Jones Type)

Description:

The Sepor Precision Riffle Splitter (Jones Type) is precisely designed to reduce a bulk sample of material to a convenient representative sized subsample for laboratory analysis. A hopper, with a manual control gate, receives the material to be split, then upon opening the gate, the material flows through a series of equally divided chutes, sending 50% of the sample to the left side pan and 50% of the sample to the right side pan. The manually actuated flow gate assures a proper distribution of feed material to the riffle bank, and eliminates the requirement for a third sample pan.



The Sepor Precision Riffle Splitter is simple and easy to use. It is very easy to clean with all parts open and easily accessible. The dimensions used to size each Sepor Precision Riffle Splitter are, first, the chute width, second, the number of chutes, and third, the length and width of the hopper.

Construction:

The Sepor Precision Riffle Splitter consists of a stainless steel hopper with a manually actuated flow gate, stainless steel and anodized aluminum riffle bank and stainless steel frame with support legs. Two aluminum sample pans are supplied with each Sepor Precision Riffle Splitter.

All stainless steel used in the Sepor Precision Riffle Splitter is 16 gauge. The anodized aluminum used in the riffle banks is a hard aluminum alloy.

The hopper may be left in the open position for easy cleaning.

Catalog Number	Chute Width	# of Chutes	Hopper Dim. (L" x W")	Hopper Volume (Cubic Inches)
040G-005	1/4"	32	8.9 x 8.3	160
040G-006	1/2"	16	8.8 x 8.0	150
040G-007	3/8"	22	8.5 x 7.0	100
040G-009	1/4"	64	17.1 x 9.0	325
040G-010	1/2"	32	16.6 x 8.9	315
040G-011	3/8"	44	17.7 x 7.0	250