



Veizin, Slurry Sample Splitter

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LOCATIONS

WEST COAST

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EAST COAST

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Coral Springs, FL 33065

Description:

Sepor's 200 Series Veizin Slurry Samplers are designed for totally enclosed sampling of slurries (mixtures of liquids and solids). They may be used as continuous samplers, are designed for dependable sampling on a continuous basis. They are ideal as a secondary sample splitter, splitting a continuous or intermittent sample stream from the primary sample splitter, to obtain a much smaller size sample for laboratory testing. The sample splitters are totally enclosed to minimize spillage or leaking problems. The area between the sample cutter and the discharge chute is sealed to prevent possible contamination or sample loss. The fabricated steel housing includes an inspection door, to give access to the sampler interior. Standard materials of construction are mild steel. Optionally, the veizin sampler may be constructed of stainless steel for corrosion resistance.



28 Inch Veizin

5% Cutter



The veizin sampler operates by one or more cutters revolving on a central shaft, passing through the sample stream and collecting a fixed percentage of the total sample (2% to 20%). The principle of the veizin samplers is simple, since the path of the cutter blade is a true circle, the portion of the circle that represents the radial cutter opening determines the amount of cut material flowing through the sampler, regardless of cutter speed. For example, a cutter which has a width

equal to 18 degrees of the veizin's circumference would take a 5% cut, since it would be in the sample stream 5% of the time and out of the stream 95% of the time.

Catalog Number	Description	Max Flow	% Cut Made
040J-200	16" Veizin	60 GPM	2%
040J-210	16" Veizin	60 GPM	5%
040J-220	28" Veizin	250 GPM	2% - 5%
040J-250	28" Veizin	250 GPM	2% - 5%

Vezein Dry Solids Sample Splitters



28 Inch Vezein

Description:

Sepor's continuous vezein samplers are designed for dependable sampling on a continuous application. They are ideal as secondary sample splitters, splitting a continuous or intermittent sample stream from the primary sample splitter, to obtain a much smaller size sample for laboratory testing. The sample splitters are totally enclosed to minimize dust problems. The area between the sample cutter and the discharge chute is enclosed to prevent possible contamination or sample loss. The fabricated steel housing includes an inspection door, to give access to the sampler interior. Materials of construction are mild steel or stainless steel. Replaceable cutter blades are constructed of abrasion resistant steel, or stainless steel, depending upon application. The accuracy of a Vezein is 99%, with a margin of error of only 1% or less. They are most widely used for secondary sample splitters, but can be used for primary sample splitters depending upon the flow rate and particle size of the material.

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Catalog Number	Description	Max Flow	% Cut Made
040J-100	16" Vezein	3 TPH	5% - 20%
040J-105	28" Vezein	10 TPH	2.5% - 20%
040J-110	40" Vezein	40 TPH	2.5% - 20%
040J-130	48" Vezein	100 TPH	2.5% - 20%