Email : sales@scilabexport.com
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Product Name :

Riffle Sample Divider

Product Code :

SLE/AG/12



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Description :

Riffle Sample Divider (Product Code: SLE/AG/12) is a chute-type sample splitter used to divide granular material into two representative halves in aggregate, soil and mineral testinglaboratories. Its sheet metal box on legs carries a series of equal-width chutes that dischargealternately into separate pans, and it is offered in sizes from 7 mm to 75 mm. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM laboratory equipment manufacturerin India, at its own factory in Ambala.

Specifications

Parameter	Detail
Construction	Sheet metal box mounted on legs
Chutes	Series of chutes of equal width, steep enough to allow rapid flowing of the material
Discharge	Alternately in opposite directions into separate pans
Sizes offered	Range of sizes from 7 mm to 75 mm
Product code	SLE/AG/12
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Riffle Sample Divider Used For?

The sample is spread evenly in a scoop or pan the same width as the riffle and poured steadily along the full length of the chutes. Because neighbouring chutes point in opposite directions, every other slice of the stream goes to one pan and the rest to the other, so each pan receives a fair half. One half is kept and the process is repeated with it until the portion reaches the mass the test needs. The steep chutes keep material moving so that fines and damp particles do not hang up inside.

Choose the size according to the largest particle in your material, since stones must pass freely through the chutes; labs that test both sand and coarse aggregate often keep two sizes. From aggregate work to mineral studies and seed or grain analysis, the riffle is the everyday tool for fair sub-sampling and standard educational laboratory equipment in India's civil engineering colleges. Tap the box lightly after pouring so no grains stay behind, and brush the chutes clean between samples.

What to Specify When Ordering

- The riffle size, chosen from the range of 7 mm to 75 mm to suit the largest particle in your material.
- Whether you need two sizes, for example one for sand and one for coarse aggregate.
- The collecting pans you want with each size, so we can confirm what is included.
- The quantity per laboratory and the delivery address in India or abroad.

OEM

Jain S