SAMPLE SPLITTER (Riffle Box)

Code : G080



- The Sample Splitter, also known as a Riffle Box, is an essential laboratory instrument designed to divide bulk aggregates, soils, sands, and gravel into two representative and equal portions for testing purposes. This ensures that each subsample accurately reflects the characteristics of the original material, facilitating reliable and consistent analytical results.
- Constructed with a series of chutes, the splitter directs material alternately into separate collection pans, effectively halving the sample. The design includes an even number of equal-width chutes, with a minimum of eight for coarse aggregates and twelve for fine aggregates, as specified by international standards. The chute width is approximately 1.5 times the size of the largest particles in the sample, preventing clogging and ensuring smooth material flow without loss or contamination.
- Manufactured from durable, powder-coated enameled steel, the Sample Splitter is built for longevity and resistance to laboratory conditions. It is supplied with three collecting pans, facilitating immediate use upon setup.
- The Sample Splitter complies with several international standards, ensuring its suitability for use in various testing protocols.

STANDARDS

ASTM C136 • EN 933-3 • AASHTO T27 • AASHTO T87 • BS 812:1 • BS 1377:2 • BS 1924:1 • NF P18-553 • UNI 8520 • UNE 83120 • AS 1141.2

TECHNICAL SPECIFICATIONS

Code	Chute / Slot Width (mm)	Number of Chutes / Slots
G080X07XH	7.0	12
G080X09XH	9.0	12
G080X12XH	12.5	12
G080X15XH	15.0	12
G080X19XH	19.0	10
G080X25XH	25.0	10
G080X30XH	30.0	10
G080X37XH	37.5	8
G080X45XH	45.0	8
G080X50XH	50.0	8
G080X62XH	62.5	8
G080X75XH	75.0	8

SUPPLIED WITH

- Three collecting pans

ORDERING INFORMATION

Item Name	Item Code
SAMPLE SPLITTER (Stainless Steel) - 5 mm	G080J05XH
COLLECTING PAN for G080X07X	G080P001H
COLLECTING PAN for G080X09X	G080P002H
COLLECTING PAN for G080X12X	G080P003H
COLLECTING PAN for G080X15X	G080P004H
COLLECTING PAN for G080X19X	G080P005H
COLLECTING PAN for G080X25X	G080P006H
COLLECTING PAN for G080X30X	G080P007H
COLLECTING PAN for G080X37X	G080P008H
COLLECTING PAN for G080X45X	G080P009H
COLLECTING PAN for G080X50X	G080P010H
COLLECTING PAN for G080X62X	G080P011H
COLLECTING PAN for G080X75X	G080P012H
SAMPLE SPLITTER - 7 mm	G080X07XH
SAMPLE SPLITTER - 9.5 mm	G080X09XH
SAMPLE SPLITTER - 12.5 mm	G080X12XH
SAMPLE SPLITTER - 15 mm	G080X15XH
SAMPLE SPLITTER - 19 mm	G080X19XH
SAMPLE SPLITTER - 25 mm	G080X25XH
SAMPLE SPLITTER - 31.5 mm	G080X30XH
SAMPLE SPLITTER - 37.5 mm	G080X37XH
SAMPLE SPLITTER - 45 mm	G080X45XH

SAMPLE SPLITTER - 50 mm (AS)	G080X50SH
SAMPLE SPLITTER - 50 mm	G080X50XH
SAMPLE SPLITTER - 62.5 mm	G080X62XH
SAMPLE SPLITTER - 75 mm	G080X75XH