

Riffle Sample Divider

MODEL: HT-301 / HT-301-1

Reference Standards: ASTM C136, ASTM D421, ASTM D422, ASTM D427, ASTM D4318, ASTM D4517, ASTM D452, ASTM D457, ASTM D806, BS 812 (Part 103), BS 1377, AASHTO T27 and AASHTO T87

The Hovoro Technologies Riffle Sample Divider is designed to divide bulk samples of sand, aggregates and fillers into smaller, representative portions for laboratory testing. Representative sample preparation is essential for obtaining reliable and repeatable test results, particularly when the original material contains particles of different sizes.

The apparatus consists of a metal hopper fitted with a series of equal-width chutes. These chutes direct the material alternately into separate collection pans, helping reduce bias associated with manual sample selection.

The equipment is suitable for preparing representative laboratory test portions for aggregate grading, soil classification and other material-characterisation procedures, subject to the applicable test method. It is supplied complete with three containers.



Key Features

- Equal-width slots for distributing material into separate containers.
- Steep chutes to facilitate smooth material flow.
- Two configurations available for different slot widths and sample volumes.
- Suitable for routine sample preparation in construction-material testing laboratories.
- Supplied with three collection containers.

Technical Specifications

Parameter	HT-301	HT-301-1
Slot width	13 mm	25 mm
Number of slots	14	16
Approximate capacity	2.1 dm ³	4.4 dm ³
Construction	Metal hopper with chutes	Metal hopper with chutes
Supplied accessories	Three containers	Three containers

Ordering Information

HT-301 Riffle Sample Divider, 14 slots, 13 mm slot width.

HT-301-1 Riffle Sample Divider, 16 slots, 25 mm slot width.