

Splitters

Mechanical Engineering and Quality Control

Mechanical Engineers

Splitters

Precision Riffle splitters with controlled sample discharge

Available with 3 mm to 20 mm slots width, specified by the client or selected from recommended standard sizes. Standard sizes conform to the Australian Standard AS 1141.2-1999 & ISO 3082:1998(E)

The splitters are separable. The slots width and quantity can be adjusted to suit laboratory requirement. Design of the slot protecting lining is covered by Patent N°2010100147.

Splitters are made from Stainless Steel with an electro polishing finish. They are suitable for Food, Pharmaceutical and Geotechnical laboratories.

Splitters feature two dust hoods to minimise dust pollution when operated and a swivelled carrying handle. The swivelled handle provides for extra comfort when shifting the unit around the premises.

The dust hoods are conveniently hinged and allow for easy inspection of the riffles to check for blockages. By lifting the dust hood the operator has clear access to quickly rectify this type of problem.

Three-Tiered Precision Riffle Splitter

An ME&QC exclusive: this Three-tiered splitter is designed for use in laboratories. Ideal for projects where large quantities or big samples need to be reduced in size quickly.

The splitter incorporates all the best in development of a Single tier Precision Riffle splitter, as described in the section above.

The splitter is made from Stainless Steel with electro-polishing finish. Suitable for Food, Pharmaceutical and Geotechnical laboratories.

Laboratory Riffle Splitters welded. (Slot Width from 6 mm to 12 mm)

Main features of the splitters are:

- Deep loading bunker which eliminates accidental spillage of the sample over the side of the splitter.
- Does not require special trays to contain samples. In fact, most of the containers purchased off the shelf will do the job.
- One support frame will fit for a range of splitters.
- The size of the unit is convenient for handling. In other words it is not too small as to be uncomfortable to work with.
- The splitter is made of Stainless Steel SS-316, with electro polish finish. The support frame is made of aluminium plate, with powder coat finish.

The support frame can be made out of Stainless Steel if required.

The unit is perfect to use when it comes to split small batches of different material samples.

Optional features:

1. Dust hood can be incorporated into design upon request.
2. Special purposes trays are available.