Sample Splitters RT 6.5 - RT 75

General Information
A faultless and comparable analysis is closely linked to an accurate sample handling. Only a sample representative of the initial material can provide meaningful analysis results. Sample splitters ensure the representativeness of a sample and thus the reproducibility of the analysis. The sample splitters RT are ideal for the on-site reduction of sample material. They are easy to use, easy to clean and do not need an electrical power supply.

Application Examples
cement clinker, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, sand, seeds, soils, washing powder, ...

Product Advantages
- for use in laboratory and on-site
- high-precision manual dividing process
- dividing process according to DIN 51701

Features

Applications: sampling and sample dividing
Field of application:
- agriculture, biology, chemistry
- plastics, construction materials, engineering / electronics
- environment / recycling, food
- geology / metallurgy, glass / ceramics, medicine / pharmaceuticals

Feed material: bulk materials
Material feed size:
- RT 6.5: ~ 4 mm
- RT 12.5: ~ 8 mm
- RT 25: ~ 16 mm
- RT 37.5: ~ 25 mm
- RT 50: ~ 33 mm
- RT 75: ~ 50 mm

Batch size / feed quantity:
- RT 6.5: <= 3 l
- RT 12.5: <= 3 l
- RT 25: <= 16 l
- RT 37.5: <= 16 l
- RT 50: <= 16 l
- RT 75: <= 16 l

Number of divisions: 2
W x H x D:
- RT 6.5: 300 x 270 x 250 mm
- RT 12.5: 300 x 270 x 250 mm
- RT 25: 620 x 420 x 260 mm
- RT 37.5: 620 x 420 x 260 mm
- RT 50: 620 x 420 x 260 mm
- RT 75: 620 x 420 x 260 mm

Net weight:
- RT 6.5: ~ 3.5 kg
- RT 12.5: ~ 3.5 kg
- RT 25: ~ 21.5 kg
- RT 37.5: ~ 21.5 kg
- RT 50: ~ 21.5 kg
- RT 75: ~ 21.5 kg

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Subject to technical modifications and errors
Sample Splitters RT 6.5 - RT 75
*depending on feed material and instrument configuration/settings
Sample Splitters RT 6.5 - RT 75

Videolink

http://www.retsch.com/rt

Function Principle

With sample splitters, one of the receptacles is used to pour a well mixed sample evenly into the dividing head. The material runs through the alternately arranged passages in the opposite direction into the two collecting receptacles under the dividing head outlets. With every operation the feed sample is halved. This can be repeated as many times as necessary until the required dividing quantity has been obtained.

Order data

Sample Splitter RT 6.5 and RT 12.5

incl. 3 collecting receptacles 1.5 litres each of tin plate, stand of coated sheet steel and dividing head made of stainless steel

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40.610.0001</td>
<td>Sample Splitter RT 6.5, with 12 slots, 6.3 mm</td>
</tr>
<tr>
<td>40.610.0002</td>
<td>Sample Splitter RT 12.5, with 18 slots, 12.5 mm</td>
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<tr>
<td>05.000.0019</td>
<td>Spare collecting receptacle 1.5 litres (for RT 6.5 and RT 12.5), 1 piece</td>
</tr>
</tbody>
</table>

Sample Splitter RT 25, RT 37.5, RT 50 and RT 75

incl. 3 collecting receptacles 8 litres each, stand and dividing head, all made of galvanized sheet

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>40.610.0003</td>
<td>Sample Splitter RT 25, with 16 slots, 25.0 mm</td>
</tr>
<tr>
<td>40.610.0004</td>
<td>Sample Splitter RT 37.5, with 12 slots, 37.5 mm</td>
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<tr>
<td>40.610.0005</td>
<td>Sample Splitter RT 50, with 8 slots, 50.0 mm</td>
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<tr>
<td>40.610.0006</td>
<td>Sample Splitter RT 75, with 6 slots, 75.0 mm</td>
</tr>
<tr>
<td>42.147.0002</td>
<td>Spare collecting receptacle 8 litres (for RT 25, RT 37.5, RT 50 and RT 75), 1 piece</td>
</tr>
</tbody>
</table>

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