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Rheoline Volumetric Sample Cutter

The **Rheoline Volumetric Sample Cutter (VSC)** can be relied upon to provide consistent samples of volume and size to be inserted into the die cavity. To obtain the best performance from your curemeter, dependable samples of exact volume and shape are strongly recommended, ensuring the die cavity is filled with only the correct amount flowing into the spill cavity.

Too little material can cause slippage affecting any test result. Too much material inserted may cause the platens to not seal correctly resulting in imprecise measurement.

This ergonomic designed pneumatic system enables precise user defined volume of uncured rubber and polymer material. The conveniently positioned and comfortable buttons are designed to work simultaneously to provide a safe working environment.

Our Rheoline VSC operates in two distinct ways:

- » The material is first compressed to a predetermined thickness.
- » The cutting action takes place, ensuring a precise and reliable sample volume.



Rheoline Volumetric Sample Cutter

Technical Specification:

| | |
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| Standards | BS EN242: Part 2 |
| Sample Volume (adjustable) | 1 cm ³ to 8 cm ³ (normally 4.5 cm ³) |
| Nominal Sample Diameter | 34 mm |
| Nominal Sample Thickness @ 4.5 cm³ | 5.0 mm |
| Repeatability | 0.25% |
| Delay between Squeeze and Cut (adjustable) | 1 sec to 10 sec |
| Pneumatics | Filtered Air, Min: 0.5 MPa 72 psi 5 Bar 5.09 kg/cm ² |
| Weight | 38 kg |
| Dimensions | 300 mm x 300 mm x 800 mm (W x D x H) |

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