



## Rheoline Volumetric Sample Cutter



### A Trusted Name in Material Testing

- Prescott Instruments is a **UK company with over 30 years' experience** in material testing.
- We manufacture all instruments **onsite in the U.K.** under **ISO 9001** and our in-house laboratory team perform all **instrument calibrations under ISO 17025**.
- This **Rheoline Volumetric Sample Cutter** is the perfect choice for modern laboratories at **all stages of the rubber production process**.
- Its **precision, reliability and durability** make it an indispensable instrument for laboratory professionals worldwide.

### Built to Last

- **Durability:** The high-stiffness steel frame is robust enough to withstand the demands of a busy production environment with the high precision performance to match.
- **Reliability:** Expertly-crafted construction provides stability and reliability even when testing the hardest of materials.

### Repeatability and Connectivity



- The **Rheoline Volumetric Sample Cutter (RSC)** is a sensible choice for delivering samples with consistent shape, size and volume.
- Uniform sample size ensures **reliable testing on each and every test, consistently meeting quality control requirements**.
- By ensuring a **uniform sample size across tests**, our RSC reliably protects against issues with slippage and incorrect platen sealing.
- The pneumatic system allows the user to create multiple samples of uncured rubber and polymer material at **consistently equal size and volume**.
- Ensuring laboratory safety, the buttons are **easy and safe to operate**.
- The **built-in adjustable time delay** allows you to set the right time to compress the material correctly before the cutting action takes place.

# Rheoline Volumetric Sample Cutter

## Technical Specification

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

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