

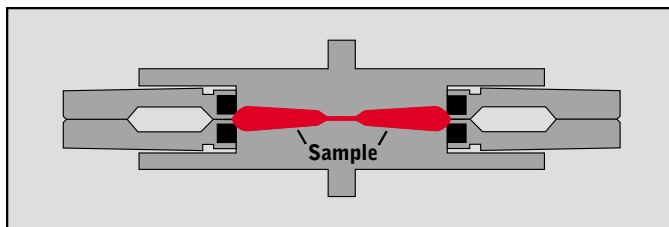


## Volumetric Sample Cutter (MDR)

Experienced users of curemeters are fully aware of the need to maintain consistency with the shape and size of the samples inserted into the Die cavity.

To obtain the best performance from your curemeter, it is strongly recommended that every sample is the exact volume and shape thus ensuring that the die cavity is filled with only the correct amount flowing into the spill cavity.

Diagram of MDR die cavity:



If there is too little material the test results may be affected by slippage and if too much material is inserted, the platens may not seal correctly again resulting in imprecise measurement.

The constant volume cutter operates in two distinct ways;

- 1 The material is first compressed to a predetermined thickness.
- 2 The cutting action takes place, ensuring an exact and constant sample volume.



### SPECIFICATIONS

Size	300mmW*300mmD*800mmH
Weight	45Kg
Supply	Filtered Air 5 to 8.5 Bar, 75 to 125 PSI
Sample Volume (adjustable)	1cm <sup>3</sup> to 8cm <sup>3</sup> (normally 4.5cm <sup>3</sup> )
Nominal Sample Diameter	34mm
Nominal Sample Thickness @ 4.5cm <sup>3</sup>	5.0mm
Repeatability	0.25%
Delay between Squeeze and Cut (adjustable)	1 sec to 10 sec
Design specification in accordance with BS EN292: Part 2	



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