Anton Paar

Envelope Density Measurement with a Rheometer

Envelope Density

Envelope density measurement at the greatest value-for-money on the market

Find out more

Anton Paar Envelope Density Measurement

With Anton Paar solutions, you can measure the envelope density of solids in the sample-size range of 0.3 cm^3 to 25 cm^3 by using a reusable, free-flowing displacement powder. Precise volume measurement with a repeatability of up to 1 % is possible (with a sample quantity of at least 25 % of the total filling volume).

Extend your rheometer

- → **One smart investment gets you envelope density as an extension to your rheometer:** The unique MCR setup allows for a budget-friendly addition to an existing rheometer for the measurement of envelope density.
- → **More than just envelope density:** Buy an envelope density option with a complimentary rheometer to understand powder flowability. On top of this, the modular concept of the MCR rheometers empowers you to perform DMA, tribology and mechanical testing, as well as standard rheology.
- → **A pharma-compliant solution to determine envelope density:** The RheoCompass software is 21 CFR Part 11 compliant, ensuring correct data storage and transparency for pharma customers.
- → **Toolmaster automates adjustments, saves time, and eliminates errors:** The automatic detection of measuring geometry and automatic adjustment of the required setting in RheoCompass via Toolmaster saves time and eliminates manual setup-change errors.

- → **Additional solution:** Determine the absolute density and porosity of the sample with Anton Paar's Ultrapyc gas pycnometer series.

Find out more