

Activated Carbon Density Analyzer

Model 325 covers the measurement of apparent density of activated carbon.

It is produced stringently according to international standard ASTM D 2854 .

As for apparent density, the Model 325 is suitable for granular activated carbon that is defined as a minimum of 90% being larger than 80 mesh.



- What does the Model 325 Carbon Density Analyzer include?

Reservoir, feed funnel, vibratory feeder, cylinder 100 ml sample spoon, brush, tools etc.

- Application

Model 325 is suitable for granular activated carbon that is defined as a minimum of 90% being larger than 80 mesh.

Carefully place the sample of activated carbon into the reservoir. Add the sample to the cylinder using the vibratory feeder through the feed funnel. Adjust the flow rate control to fill the cylinder at a uniform rate not less than 0.75 or exceeding 1.0 mL/s up to the mark corresponding to the volume chosen. The graduated cylinder shall be filled to at least 50% of its capacity. Transfer the contents from the cylinder to a balance pan and weigh to the nearest 0.1 g. Calculate the apparent density by mass of activated carbon in grams/carbon volume in milliliters.

