

High Pressure Densometer

Model No. 2061

This machine has a configuration like the standard densometer, except that mercury is used instead of oil. The inner cylinder of a specified mass gradually moves downwards in the outer cylinder filled with a specified volume of mercury. The time necessary for a specified volume air pass through the specimen is measured. The high-pressure type is suitable for impermeable materials such as coated paper, which needs 60 to 75 seconds for making 100cc air pass through the specimen on the standard densometer. Higher air pressure shortens the measurement time.

Specifications

Air Pressure:	High pressure type	Standard type
Downward Movement:	1cm	12.45cm
Measurement Air Volume:	10cc	100cc
Maximum Air Volume:	30cc	350cc
Minimum Air Volume:	2.5cc	25cc
Circular Area:	645.16mm ²	645.16mm ²
Referential Standard:	TAPPI T536cm-96	
Outer Dimensions:	180 x 255 x 525mm	
Instrument Weight:	15kg	



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