

PAPER SURFACE OIL ABSORBENCY TESTER

(PATRA TYPE)

CATALOGUE NO.: GEC-P40117

Paper Surface Oil Absorbency Tester is designed for the determination of the oil absorption resistance of the surface of paper and paperboard to measure vernishable quality of the board.



APPLICABLE STANDARDS :

TAPPI, SCAN, ISO

Salient Features:

●	Inclined plane 500 X 100 mm with a 4.5 degree gradient.
●	Inclined plane covered with rubber offset blanket.
●	Roller 2.1 Kg, 76 mm diameter and 55 mm wide lined with Neoprene.
●	50 CC Paraffin oil with density of 0.88 and viscosity of 1.28 poise at 25°C.
●	Oil-burette delivers 0.02G oil droplet.
●	10 scale division = 0.0015 ml.
●	Steel holder for oil burette.
●	Using an average of 10 tests, the SORT (Surface Oil Resistance Time) can be determined.
●	The SORT is the time taken for the 75% of the surface covered by oil to have absorbed the oil.
●	The test is very sensitive to temperature. Results should only be compared at identical room temperatures.

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