



Roughness and Porosity Tester



About the Roughness and Porosity Tester

Bendtsen Roughness is achieved by placing the test sample on a flat glass plate with the roughness measuring head placed on top. The measuring head has a land of $0.150\text{mm} \pm .002$ with a diameter of $31.5\text{ mm} \pm 0.2\text{mm}$.

The pressure exerted on the test piece by the land is 170 kPa. Air pressure is supplied from an electrically operated compressor. Airflow between the paper and land is supplied at a nominal pressure of 1.47 kPa



The instrument is supplied as a standard package complete with all accessories required to power and operate the unit:-

Standard Parts

Roughness and Porosity Tester
Glass Plate
Roughness measuring head
Head to instrument connection pipes
Calibration Certificates
Manual

Optional extras

Porosity Head

Connection hoses of different length are available however the standard specifies a maximum length of 700mm, the standard hose length supplied is 650mm

Compressed air supply required