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Blaine air permeability testers

Blaine air permeability testers are mainly used to measure the fineness of the cement, which in turn can be an indication of speed of setting and rate of strength development. The testing principle is based on the permeability of air through a sample under certain conditions. This is the ideal testing instrument for cement and concrete testing. We offer a variety of Blaine systems fitting the needs of the industry.

ABMB 02060209 (manual)

The 02060209 manual air permeability tester is able to perform the Blaine test with a traditional design. This Blaine apparatus has a manual aspirator to apply the air pressure for the test. This Blaine apparatus as an alternative to automatic and PC-controlled. It is competitively priced as well as offering the tried and true classical design of a Blaine tester. The manual operation has proven to be an effective means to carry out the tests. The small footprint means that the machine will be the perfect addition to any facility.



ABMB 02060290 (electronic, semi-automatic)

The electronic semi-automatic Blaine apparatus 02060290 has a built-in pump that replaces the aspirator (bulb). The entire test can be runned semi-automatically with a greater degree of freedom for the operator than the manual version of the Blaine apparatus. The automatic time registration is precise and convenient. 230V/50Hz.

ABMB 02060294 and 02060295 (fully-automatic, PC controlled)

The Blaine apparatus 02060294 is the next generation of testing apparatus; being fully automated. The test procedure and evaluation is run without the supervision of an operator and is automatic. This system comes complete with software. The measuring cell has $\varnothing 41\text{mm}$ and its volume is approx. 73 cm³. Also available is the 02060295 version with 2 load cells giving the ability to measure two points. Both model performs tests that are monitored and recorded by the PC (not included). 230V/50Hz.



ABMB 02060297 (fully automatic, PC controlled)

Operation and software of the 02060297 is similar to the other PC-operated units. The design of the main unit is unique in that the footprint is much smaller than those units and the measuring cell is fully encased in the metal housing. The sleek design allows for the testing unit to be placed easily on any top or bench within your facility. The main unit is housed completely in metal. The load cell is also well-protected. PC not included. 230V/50hz.



ABMB 02060210 (semi-automatic)

The Blaine apparatus Dyckerhoff 02060210 semi-automatic device with pump and time registration for the rapid determination of specimen characteristics. Measuring cell $\varnothing 41\text{mm}$, volume of measuring cell approx. 73cm³. 230V/50Hz.

