

## BLAINE AIR PERMEABILITY APPARATUS TO DETERMINE THE FINENESS OF CEMENT

STANDARDS: EN 196-6, comparable to:  
 ASTM C204 / AASHTO T153 / BS 4359:2  
 UNI 7374 / NF P15:442 / UNE 80106 / DIN 1164

Available models

### E009 KIT Blaine air permeability (fineness) apparatus

Used to determine the fineness of Portland cement in terms of the specific surface expressed as total surface area in square centimeters per gram of cement.

The apparatus is supplied with glass U-tube manometer with valve, steel stand, test cell with disk and plunger all in stainless steel, rubber aspirator bulb, 1000 filter paper disks, manometric liquid, vaseline grease for better coupling tube/cell, funnel, brush.

Dimensions: 220x180x470 mm

Weight: 12 kg



ACCESSORIES:

**E010-02** Standard reference cement 114g, to ASTM/SRM/EN to calibrate the Blaine

**E055-08** Glass Thermometer -10 to +50° C.

SPARES:

**E010-01** U-tube glass manometer complete

**E010-03** Manometric liquid 250 ml bottle

**E010-04** Filter paper discs, porosity: 2 micron (pack of 1000 pieces)

**E010-08** Test cell, complete (three pieces)

**E010-05** Cell body, stainless steel

**E010-06** Cell plunger, stainless steel

**E010-07** Cell perforated disk, stainless steel

## E011N

### Digital Blaine Air Permeability Apparatus, with display of time measured

Digital Blaine air permeability apparatus with automated test cycle, electric suction pump, photoelectric cells for detection of levels, chronometer start-up and stop.

After the test, automatic display of the time measured.

Precision of time displayed: 0.01 second.

The apparatus is delivered complete with:

Stainless steel cell with grid and plunger; bottle of manometric liquid, bag of 1000 filter paper disks, funnel.

Power supply:

230V 1ph 50Hz 20W

Dimensions:

300x250x510 mm

Weight: 8 kg



E011N

## E011-01

### Automatic Blaine Air Permeability Apparatus

This automatic electronic apparatus with microprocessor is equipped with an automatic airproof device.

The apparatus consists of a flat enclosure with a manometer column and with 4 components stainless steel measuring cell.

Depending to the cement porosity and its density, the equipment calculates automatically the masse that you have to test, determines the constant K according to standard cement, records the test results

with possibility to elaborate an average value of different tests. RS 232 port

The defining of final Blaine value is automatically given by the apparatus.

Supplied complete with accessories

Power supply:

230V 1ph 50Hz

Dimensions:

280x325x410mm

Weight: 10 kg



E011-01

