



## Product Code

UTCM-0280 Automatic Blaine Air Permeability Apparatus  
110-230V, 50-60 Hz, 1ph  
UTCM-0242 Manometer Liquid 250 ml  
UTCM-0243 Cell with Perforated Disc and Plunger  
UTCM-0244 Filter Paper 100 pcs.  
UTCM-0245 Filter Paper 1000 pcs.  
UTCM-0246 Reference Cement 5 g, ASTM  
UTCM-0282 Reference Calibration Sand-Fine, Approx.100g  
UTCM-0284 Reference Calibration Sand-Coarse, Approx.100g

## Standards

EN 196-6; ASTM C204; BS 4550

The UTCM-0280 Automatic Blaine Air Permeability Apparatus perform the test for determining the fineness of cements, limes and similar powders expressed in terms of their specific surface according to the above testing standards. The fineness of cement can be automatically measured as specific surface by observing the time taken for a fixed quantity of air to flow through a compacted cement bed of specified dimensions and porosity. The method is comparative rather than absolute and therefore a reference sample of known specific surface is required for calibration of the apparatus.

## Main Features

- The test is controlled on the touch screen.
- Automatic control of the movement of fluid until the upper line
- Automatic measurement of the air flow time
- Automatic measurement of temperature during the test
- Languages (English, Spanish, Russian, Turkish)

Reference Cement and Reference Calibration Sands should be ordered separately.



UTCM-0280 is supplied complete with;

- Manometer Liquid, 250 ml
- Cell with Perforated Disc and Plunger (with UTEST Certificate of Cell, Plunger Dimensions for Calculation of Cell Specimen Volume)
- Filter Paper, 100 pcs
- Plastic Funnel
- Injector with hose

Product Code	UTCM-0282	UTCM-0284
Specific surface (cm <sup>2</sup> /g)	3890	2980
Density (2,65 g/cm <sup>3</sup> )	2,65	2,65
Porosity (approx.)	0,50	0,50
Dimensions	250x420x450 mm	250x420x450 mm
Weight (approx.)	16 kg	16 kg

