



Quickly measure the bulk and resilience of staple fibres

Fast results with a convenient, compact device.

The bulkometer is a device designed to quickly measure the bulk and resilience of staple fibres. Bulk is a good predictor of cover in carpets, loftiness in hand-knitting yarns, filling capacity in quilts etc.

Test Method

Samples are washed in solvent to remove any residual grease, conditioned for 4-5 hours, and then hand carded. A 10g sample is selected and placed in the cylinder. A weighted piston compresses the sample in a cycling procedure until a reading can be taken which indicates the fibre bulk. The recovery of the fibres from compression, or their resilience, is related to their bulk under different loads.

Options

Low Pressure version (20Pa)

Order Code LFB:LOW

The Low Pressure Bulkometer is intended to measure, under low pressure, the bulk of loose wool and feather fills for over-body bedding and pillows in their new, as manufactured, state. The apparatus consists of a transparent cylinder and has two graduated metric scales on the outer circumference.

The mass of the piston is designed to produce a load of 20 Pa over the area of the cylinder, and a further mass is used to add a further load to give 60 Pa.

Key Features

- ✓ *Quick and easy test*
- ✓ *Instant readings*
- ✓ *No power required*



Dimensions: 120mm (Ø) x 360mm (H)

Order Code: LFB:001