

April 2006

NEW DEVELOPMENT:

Stiffness of Cloth Tester Motorised



The Stiffness of Cloth Tester Motorised has been designed and manufactured with reference to ASTM D5732 standard. The instrument is used to measure the stiffness of non woven fabrics, by means of cantilever bending of the fabric under its own weight; thus calculating the bending length and flexural rigidity.

The Stiffness of Cloth Tester Motorised can be used for testing most non woven fabrics that are treated or untreated, as well as

heavily sized, coated or resin treated. It operates at a speed of 120 mm/min \pm 10%, with an indicator inclined at an angle of 41.5° below the plane of the platform surface. It also features a moving slide weighing 270g \pm 5g. Benefits of the instrument include quick and simple testing. With a click of a button, the testing commences and results obtained within seconds.

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Thickness Gauge for Foam & Lofty Products

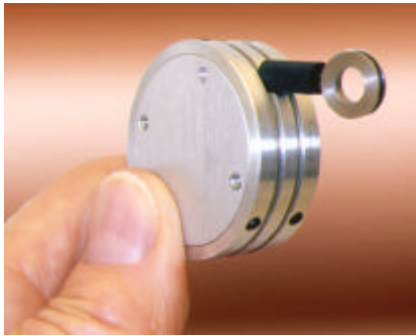


The Thickness Gauge for Foam and Lofty Products has been designed and manufactured in accordance to AS 2282.2 Method A for measuring dimensions of flexible cellular polyurethane. Accurate measurements of test pieces are the base for accurate values of certain properties of cellular materials such as density, tensile strength, tear resistance and compression set. This compact unit ensures fast and repeatable testing, needing only a switch of a button, and turning the Digimatic scale on. The Thickness Gauge is manufactured with a Digimatic scale with an accuracy of

0.01mm enabling high end accuracy of test results, and a range of 200mm. The circular foot measures 80mm in diameter, which is connected to the indicator, having a pressure of 100 \pm 10N/m²



MTA Cable-Extension Position Transducer



The MTA belongs to the family of miniature cable-extension position transducers, perfect for short-ranged testing and control applications where space is limited. The MTA uses a high-cycle conductive plastic potentiometer to give a precision voltage divider feedback signal for measurement ranges of 3 or 5 inches full stroke. The MTA has an accuracy of $\pm 0.15\%$ and a repeatability of $\pm 0.02\%$. It is mounted using servo-clips for easy rotational adjustment.

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Cap Torque Tester Series CT



The new Series CT Cap Torque Testers presents a powerful, yet value priced solution for closure manufacturers, bottlers, food and beverage companies, and others. The tester features a solid aluminum housing and rugged construction for many years of service in laboratory or production environments. Adjustable posts effectively grip a broad range of container shapes and sizes, while a set of optional jaws are available as an alternative gripping method. The CT captures peak torque in both clockwise and counterclockwise directions

for application and removal measurements. The CT Cap Torque Tester has an accuracy of $\pm 0.5\%$ of full scale, with a sampling rate of 30 readings/sec

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Horizontal Tensile Tester



The Horizontal Tensile Tester has been manufactured to determine wet and dry tensile strength, elongation, and tensile energy absorption (TEA). The instrument is fully automatic with a built-in PC designed for rapid and accurate measurement. Results are displayed on the control panel, and can be transferred via RS-232. The instrument features automatic sample detection, and pneumatic clamping of the sample (15 –

50mm). The largest sample distance that can be used is 300mm, with the testing speed selectable in the range of 2 – 300 mm/min

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