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Texture analyser ta xt plus manual pdf

How texture analyzer works. Texture analyzer uses.

August 23, 2017 The TA.XTplus presents a small portable solution for your texture analysis testing, measuring up to 50kg in force, and is consequently the most popular choice for universal texture analysis. TA.XTplus measures product characteristic such as hardness, fracturability, adhesiveness, gel strength, extensibility of foods, cosmetics, pharmaceuticals, gels, adhesives and other consumer products. EMPLOY YOUR TEXTURE ANALYSER TO: Provide an objective quantifiable result which can be archived and retrieved for future viewing Assess raw materials or excipients, semi-finished goods, packaging and finished products Determine the effects of formulation or processing variables on end product acceptability Assess changes during storage or transportation Compare with competitive products Substantiate your product claims Determine the physical properties of your 'gold standard' product for future consistent quality control Coupled with the easy-to-use Exponent software, this versatile instrument is extraordinarily well-engineered for long-term reliability and accuracy. If you've mislaid your manual or just need an electronic version then please select the manual that you require below, fill in your details and we'll email you a PDF copy. Our most popular single column Texture Analyser for universal application. A single-column, portable solution for your texture analysis and materials property testing, measuring up to 50kg in force. With a speed range of 0.01 to 40mm/second this extremely precise model can be programmed to conduct almost any mechanical test imaginable, allowing the imitation of real-life situations, using any of our vast range of probes and fixtures. It is also available in both standard and extended heights offering testing apertures of 370 and 590mm, and is consequently the most popular choice for universal texture analysis. Measure virtually anything It is capable of measuring virtually any physical product characteristic such as hardness, fracturability, adhesiveness, gel strength, extensibility of foods, cosmetics, pharmaceuticals, gels, adhesives and other consumer products. The TA.XTplusC is commonly employed to measure and quantify fundamental, empirical and imitative tests in both compression and tension, covering those relating to texture analysis, materials properties as well as effects of rheology of solid, semi-solid, viscous liquid, powder and granulate materials. Built to last Coupled with easy-to-use Exponent Connect software, this versatile instrument is extraordinarily well-engineered for long-term reliability and accuracy. Run from any device All Stable Micro Systems Connect series Texture Analysers are capable of operation by the standard equipment Touchscreen Interface as well as by a desktop or laptop PC. In addition, they may also be operated from a mobile phone or tablet using the Browser Interface. Learn more Use your Texture Analyser to: Measure and quantify your product's textural/mechanical properties objectively and accurately which can be archived and retrieved for future viewing. Determine the textural/mechanical properties of your 'gold standard' product to ensure consistent quality control of your products into the future. Assess raw materials, ingredients, excipients, semi-finished goods, packaging and finished components or products. Determine the effects of formulation or processing variables on end-product acceptability Assess textural/mechanical property changes during storage or transportation Compare your products with competitive products Substantiate your product claims TA.XTplusC Technical Specification Force capacity: 50kg.f (500N) Force resolution: 0.1g Loadcells: 0.5, 5, 30, 50kg.f Speed range: 0.01 - 40mm/s Maximum aperture: 370mm/590mm Distance resolution: 0.001mm Data acquisition rate: 2000pps Not sure what specification or model you need? Compare Texture Analysers Why choose a Stable Micro Systems Texture Analyser? 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