



#5004

Texture Analyzer (Lloyd Instruments, TA Plus)

DESCRIPTION

Mechanical testing instrument for characterizing textural and mechanical properties of solid, semi-solid, and soft materials. Measures force, deformation, and mechanical behavior through different test configurations and interchangeable accessories.

MAIN FEATURES

- Maximum load: 500 N; resolution 0.1%; accuracy $\pm 0.5\%$
- Test speed: 0.01 to 1270 mm/min
- Crosshead travel: approximately 500 mm
- Control and data acquisition software: NEXYGEN™ Plus
- Interchangeable accessories: probes, plates, load cells, grips

MAIN APPLICATIONS

- Penetration, compression, extrusion, cutting, and tensile tests
- Hardness, cohesiveness, and firmness in food, pharma, and cosmetics
- Tensile, compression, and peel testing on foams, films, and multilayer materials

ASSOCIATED SERVICES

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