TACKINESS CHECK - DRIVE

AUTOMATIC INSTRUMENT FOR THE MEASURE OF THE TACKINESS

gibitre® INSTRUMENTS

The Tackiness Check instrument measures the adhesion or tack of rubber materials, adhesive tapes, sealants and other materials.
Tack is defined as the force required to separate two sheet materials which are compressed together for a specified time.
The factors which influence the behavior of tack are: contact pressure, contact time and temperature. The instrument produced by Gibitre permits to set the test cycle and allows accurate control of adhesion force and time.

Key Features

- Motor controlled screw with recycling of ball-bearing for the displacement of the sample (max speed 85 mm/min, stroke 50 mm)
- Displacement transducer with 0,0001 mm resolution
- Load cell for the measure of the force (Max load 60 N, Resolution 0,001 N)
- Interchangeable indentor for the application of the force
- Full license of Gibitre Force-Displacement software optimized for Bar-code sample identification
- Full license of Datagest software for complete management of Gibitre SQL Database

Test Cycle: Customer-defined test cycle with adjustable force-time application
Load Cell: Max load: 60 N, Resolution: 0.001 N
Sample Displacement: Motor controlled screw with ball-screw system. Max speed: 85 mm/min. Stroke: 50 mm. Resolution: 0.0001 mm

Tool for the application of the force: Interchangeable indentor, designed for easy preparation and cleaning of the contact surface
Personal Computer (optional): Minimum Setup: Windows 10 or 11, Intel Core i5, 5GB RAM