rycobel

Adhesion and release testing machine

The most versatile peel tester on the market, the ChemInstruments Adhesion/Release testing machine with digital display is designed to perform PSTC, ASTM, TLMI, FINAT, and AFERA adhesion and release testing procedures.

Features

» Rugged construction, capable of withstanding the abuse of the production environment

» Digital speed control

» Selectable speed range from 1 to 1200 ipm (3-3048 cpm)

» Test angle is selectable between 90° and 180°

» One load cell is included with the machine (2, 5, 10, or 25 pound capacities available)

» Capable of pulling up to 25 lb (12 kg) (dependent on selected lower speeds)

» Accurate to +/-0.1% of load cell range

» Test samples as short as 1/2" to as long as 12" (12-305 mm)

» Operating temperature range: 32°-150° F (0°-70° C)

» Capable of stand-alone operation with integrated touch   screen display

» Data can be downloaded to EZ Data software for complete data management

» 5.7 inch touch screen display

» Standard input voltage – 120 VAC (60 Hz)

Specifications

» Height: 24" (61 cm)

» Width: 36" (91 cm)

» Depth: 13" (33 cm)

» Weight: 92 lbs (42 kg)

Methods

» PTSC: 101 (A, B, C, D, E, F), 4, 15, 55

» ASTM: D 3330

» TLMI: L-IA1, L-IA2, L-IA3

» AFERA: 4001 R11

» FINAT: FTM 1-6, 10, 1

Hand roller

Test Panel

Tape Specimen Cutter

» **Tape Specimen Cutter**
   A double razor blade sample cutter cuts samples to a precise 1 inch width. Other sizes available.
» **Test Panel**
   Standard for all ChemInstruments AdhesionTesters.
   Test panels manufactured to PSTC specifications.

Hand Roller
Used to laminate samples to test panels.

Data Acquisition System
The ChemInstruments electronic data acquisition system is a state-of-the-art microprocessor controlled force measurement package that combines accuracy with ease of use. This system simultaneously controls test motion, reads the force of a test from a load cell, digitally displays it and also stores that data in its memory.

» Records 400 data points per second during a test interval
» Displays the average, high and low measured force results immediately upon completion of a test
» Stores data from up to 20 tests, allowing for quick review of previously recorded values
» Export data by RS-232 connection to a local PC with theEZ-Lab software
» Displays test values in grams, kilograms, ounces, pounds or Newtons