

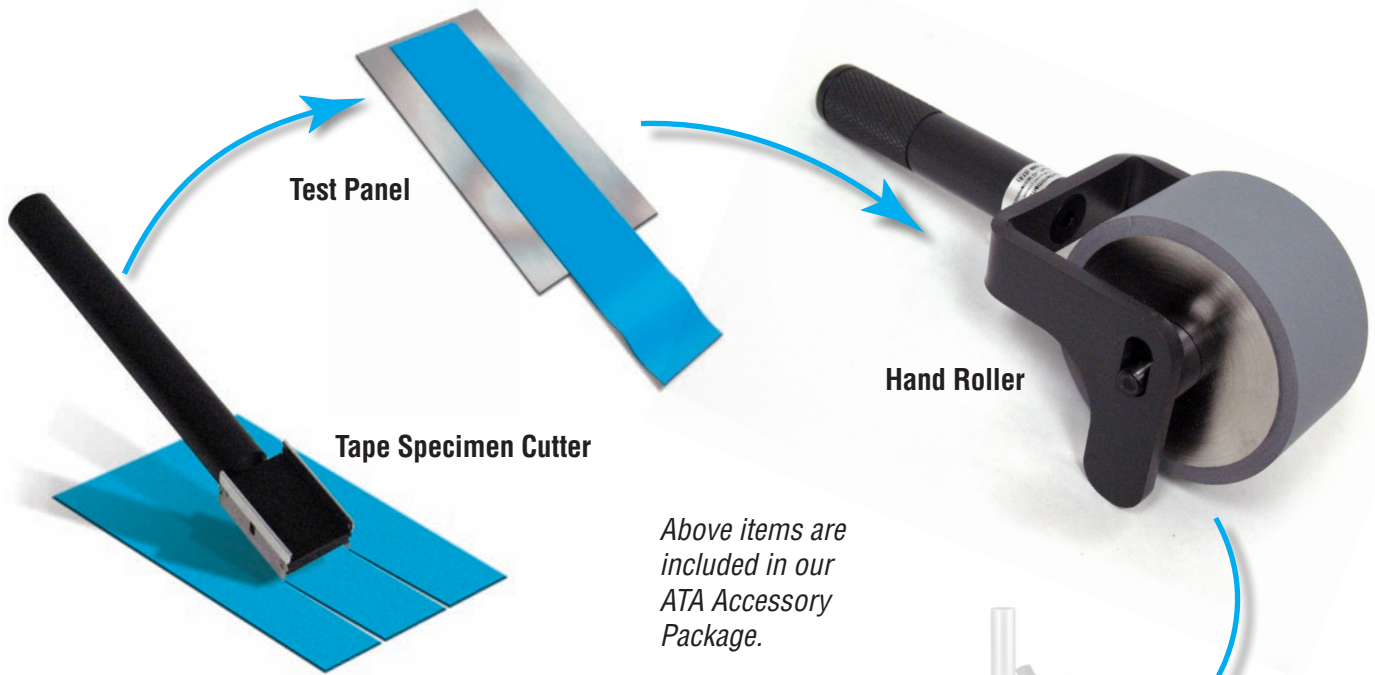
# Adhesion / Release

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. ChemInstruments created the Adhesion/Release basic design more than 15 years ago as an improvement over the TLMI release tester. This adhesive testing machine evolved from input gathered by expert technicians around the world who were involved in adhesion and release testing. With its ease of operation, reliability, simplicity and affordable price, the Adhesion/Release Peel tester has quickly become the standard in many plants and laboratories. Coupled with our EZ-Lab data acquisition software, it is an integral part of any R&D or QA laboratory.

- Rugged construction, capable of withstanding the abuse of the production environment
- Digital speed control with encoder feedback
- Selectable speed range from 6 to 1200 ipm (15 - 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)
- Test samples as short as ½" to as long as 12" (12mm – 305mm)
- Operating temperature range 32° - 150° F (0° - 70° C)
- Capable of stand-alone operation with integrated digital display
- Data can be downloaded to EZ-Lab software for complete data management
- Accurate to ± 0.1% of load cell range
- Capable of pulling up to 25 pounds (12 Kg) (dependant on selected lower speeds)
- Standard input voltage - 120 VAC (50/60hz)





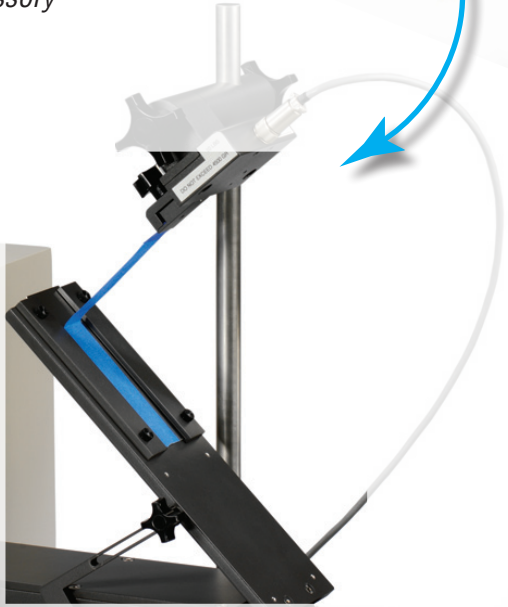
*Above items are included in our ATA Accessory Package.*

- 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 Adhesion Testers. 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 our EZ-Lab software
- Displays test values in grams, kilograms, ounces, pounds or Newtons



PSTC Testing Kit  
TLMI Testing Manual