



PT-1000 Polyken™ Probe Tack Tester

The PT-1000 Polyken™ Probe Tack Tester, manufactured by ChemInstruments, Inc., is designed to measure the tack of pressure sensitive adhesives. A precision ground 5.0 mm diameter, flat probe contacts the adhesive, reverses direction and pulls away from the adhesive. The maximum force required to break the adhesive bond is recorded and displayed. The PT-1000 meets the standards set forth in ASTM D2979. Machine speed is 24ipm (61cpm), probe diameter of 5mm and an annular ring weight that applies 9.79 +/- 0.10 kPa of force. Automatic test cycle produces a one second dwell time from beginning of contact to end of contact.

- 5 lb (2 Kg) Load Cell permits a wide variety of adhesives to be tested.
- Data can be downloaded to EZ-Lab System software.
- Accurate to  $\pm 0.1\%$  of load cell range
- Operating temperature 0 to 70 Celsius
- **Warning! Equipment needs to be completely free of condensation inside and out, before applying power!**

#### Data Acquisition System

The ChemInstruments EZ-100 Data Acquisition System is a state-of-the-art force measurement package that combines accuracy with ease of use. This system reads the force of a test, digitally displays it and also stores that value in its memory.

- Displays the measured force in Average, High and Low values.
- Stores data from up to 10 individual tests, which allows the technician to review previously recorded values.
- Data can be exported by RS-232 connection to a local PC.
- Display values are selectable in grams, kilograms, ounces, pounds or newtons.
- Records 400 data points per second of sampling.

#### EZ-Lab Compatible

Remote operation control and enhanced data collection are possible when coupled with the EZ-Lab System. Requires external PC. See EZ-Lab System product sheet.

#### Dimensions (approx.)

	PT-500	PT-1000
Height:	19.5" (49.5cm)	16" (41cm)
Width:	10" (25cm)	12" (31cm)
Depth:	10" (25cm)	15" (38cm)
Weight:	23 lbs. (10 Kg)	37 lbs. (17 Kg)

#### Options

- Probes are available in different materials/sizes
- 240 VAC/50 Hz
- EZ-Lab System Software for PT-1000 only