



PMA-1000 Probe Material Analyzer

**T**he ChemInstruments PMA-1000 Probe Material Analyzer is a versatile, user-friendly, carefully designed instrument that allows you to characterize various materials including viscoelastic polymers, adhesives and compounds through the insertion, dwell, and retraction of custom probe sensors.

Characteristics of the Probe Material Analyzer:

- Selectable testing speeds from 0.02 to 75 inches per minute
- Over 9 inches of available probe travel distance
- User-selectable data acquisition area
- Control speed, dwell and travel distance parameters
- Measures in tensile and compression simultaneously
- Separate speed control for all three test parameters (insertion, dwell, & retraction)
- Determine insertion test parameter by force or distance
- Current test status and data collection constantly displayed
- Measures in; kilograms, grams, newtons, pounds and ounces

- Automatic overload protection
- Preset jog speed of 12 inches per minute
- Automatic return to test start position

#### **EZ-Lab Included:**

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

#### **Dimensions (approx.)**

Height 22" (56cm)  
 Width: 14" (36cm)  
 Depth: 18" (48.7cm)  
 Weight: 55 lbs. (25 Kg)

#### **Options**

- Probes
- Sample Fixture.
- Heated Fixture

