



HSU-1000 HIGH SPEED UNWIND

- Measures the unwind force of a roll of tape.
- Meets ASTM D and AFERA 4008 standards for unwind force at a fast rate of removal.
- Also test unwind force of pressure sensitive tapes according to Test Methods PSTC-8 and PSTC-13.
- Designed to accept rolls up to 3" (7.5 cm) wide x 12" (30 cm) O.D. on standard 3" (7.5 cm) cores.
- Digital feedback loop ensures a constant speed regardless of wind-up roll diameter and tension.
- User selectable speed range from 10 fpm to 400 fpm (3 mpm to 122 mpm).
- Counter included to record feet or meters.
- Simple motion controls.
- Fast and accurate data results are obtained with the Data Acquisition System.
- Accurate to $\pm 0.1\%$ of load cell range.

DATA ACQUISITION SYSTEM

- Reads the force of a test, digitally displays it and also stores that value in it's memory.
- Displays force in Average, High and Low values.
- Stores test data, which allows the technician to review previous recorded values.
- Data is stored in ASCII format and can be exported by RS-232 connection to a local PC.
- Digital display is selectable in grams, kilograms, ounces, pounds or Newtons.
- Compatible with ChemInstruments New Remote Windows System.



ChemInstruments

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