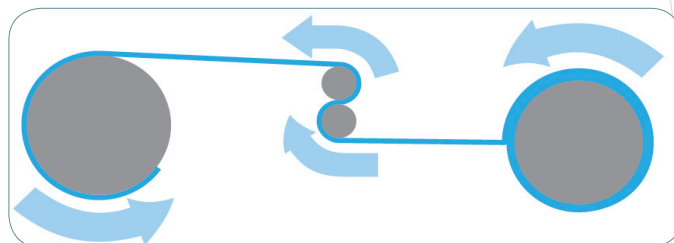


## HIGH SPEED UNWIND



Accurately measure the unwind force of a roll of tape with the ChemInstruments High Speed Unwind Machine. The High Speed Unwind Machine meets the standards specified in ASTM D 1000 and AFERA 4008 for unwind force at a fast rate of removal. It will also test the unwind force of pressure sensitive tapes according to Test Methods PSTC-8 and PSTC-13.



### 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, stores that data in its memory and interfaces with EZ-Lab data management software to show the results graphically

- 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
- 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

### Features

- Rugged construction, capable of withstanding the abuse of the production environment
- Digital speed control ensures a constant speed regardless of wind-up roll diameter
- Selectable speed range from 1 to 400 fpm (1 – 120 mpm)
- Accepts rolls up to 3" wide (75mm) x 12" OD (300mm) on standard 3" cores (75mm)
- Length counter incorporated into controller to record in either inches, feet, centimeters, or meters
- 25 pound load cell is included with the machine
- Operating temperature range 32° – 150° F (0° – 70° C)
- Capable of stand-alone operation with integrated LCD display
- Data can be downloaded to EZ-Lab software for complete data management
- Accurate to  $\pm 0.1\%$  of load cell range
- Capable of pulling up to 10 pounds (4.5 Kg) (not duct tape)
- Standard input voltage – 120 VAC (50/60hz)