



Measure



Improve



Service

## PERFORATION



Quickly and accurately measure the burst strength of die cut label stock with the Burst/Perforation testing machine. The burst strength tester meets the standards specified in TLMI Test L-1G for die cut burst ratio. The included EZ-Lab software makes data acquisition and data management easier and provides more powerful analysis capabilities.

### Features

- Rugged construction, capable of withstanding the abuse of the production environment
- Digital speed control with encoder feedback
- Selectable speed range from 0.5 to 25.0 ipm (12 - 635mmpm)
- Designed specifically to perform the TLMI L-1G test method for die cut burst ratio
- Selectable test lengths from 0.25" to 1.5" (6mm - 38mm)
- Additional features include: automatic test return, tension relief and percent break
- 25 pound load cell is included with the machine
- Operating temperature range 32° - 150° F (0° - 70° C)
- EZ-Lab data management software is included with this machine
- 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 50 pounds (22 Kg)
- Standard input voltage - 120 VAC (50/60hz)

### 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 1,000 to 5,000 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

