



Roll Density Tester, Model RDT-2000



Overview:

The Roll Density Tester is an advanced, fully automatic tester designed to measure the displacement required to compress a paper roll to a preset force. Applications include rolled paper consumer products such as paper towels and rolled tissue products. Roll density is an important parameter to insure roll integrity during shipping and handling.

Operation:

The operator begins the test by placing the test roll onto the test spindle. Next the "start button" is depressed and the traverse table begins to move forward. Once the "test foot" makes contact with the roll, the displacement display monitors the displacement as the test foot penetrates the roll. When the force exerted on the test foot reaches the set point, the traverse table stops moving and the displacement value is locked on the display until the beginning of the next test. This displacement value is directly related to the density of the roll. The higher the displacement value (penetration), the lower the roll density. Rotating the roll and repeating the test several places around the circumference can measure the symmetry of the roll.

An optional computer interface can be included to allow the operator to connect the Roll Density Tester to a P.C. This will allow the user to store test results, and generate quality reports and spreadsheets.

Specifications:

Dimensions: 36 inches long x 14 inches deep x 6 inches high
Roll Type: Paper Towel & Tissue
Roll Size: Adjustable from 4-8 Inches
Force: 0-1000 Grams
Power: 115 Volts AC Line power

P.O. Box 163, 517 AUBURN AVENUE, SWEDSBORO, N.J. 08085, U.S.A.
Call Toll Free 1-800-KR1-INKS (571-4657)

Phone (856) 467-5482 FAX (856) 467-2341 www.kershawinst.com