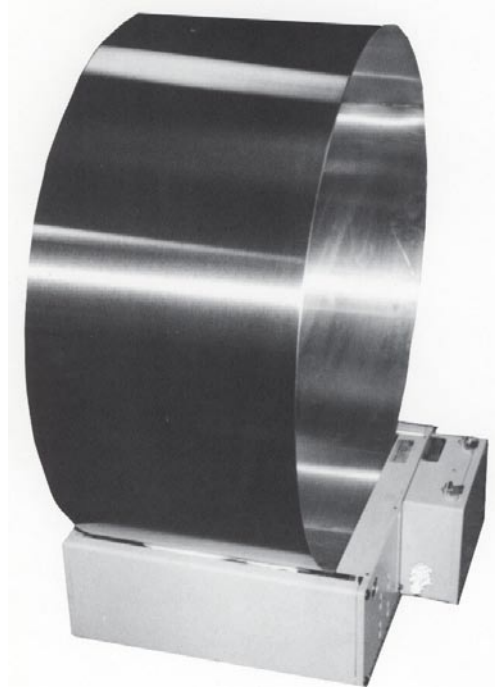


**KERSHAW**  
Instrumentation, L.L.C.



# DTT-60, DTT-100

Dry Time Tester, Models DTT-60 & DTT-100



**Overview:**

The Dry Time Tester is an automatic test machine used to measure the drying time of ink on a rotating drum. A traversing stylus records ink lines on a substrate attached to the outside of the drum. The lines transfer onto the substrate as long as the ink remains wet. No transfer occurs once the ink is dry. The operator determines the drying time, simply by counting lines on the substrate.

**Principle:**

The stylus on the Dry Time Tester is specially designed to move laterally as the drum rotates, thus generating a new line for each complete drum rotation. Once the stylus reaches the edge of the rotating drum, it automatically reverses and generates lines in between the existing ones. This means that the drying time can be determined regardless of the position or direction of the stylus at the start of the test.

**Advantages:**

Because of the large surface area of the rotating drum, the operator can run many tests at the same time. He has the option of installing or removing a test sample at any time without affecting any other test samples.

**Specifications:**

Work Area: DTT-100 Drum measures 12 inches wide x 100 inch circumference.  
DTT-60 Drum measures 12 inches wide x 60-inch circumference.  
Stylus speed: Variable from 0.1 - 1.0 inch per hour  
Drum speed: Variable from 1.0 - 7.0 rotations per hour  
Power: 115 Volts AC