

Coefficient of Friction Tester



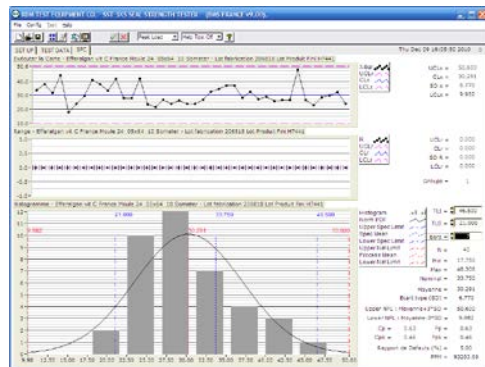
Project Overview

High speed data collection is required to determine the coefficients of starting (static) and sliding (dynamic) friction of flexible materials when sliding over themselves or other surfaces. To this end, software has been developed to be used with the CF800XS Coefficient Of Friction Tester to gather, correlate and analyse test data.



As tests are required to be done under specified ‘laboratory’ conditions to international BSI, DIN, ISO & ASTM standards. The software walks the operator through the procedures of setting up the machine, calibration and testing in a simple and straight forward manner.

High speed data collection (up to 200Hz) ensures that precise coefficient of friction data is recorded and plotted. SPC analysis aids tracking of variations in production materials.



Extra functionality allows for the entry of test limits for several test materials, archiving of test results for later recall and analysis, data compatibility with other Windows packages and graphical and tabular presentation of data in test reports.