

FATIGUE TO FAILURE FTF-48

Computer-controlled rubber testing system performs fatigue-to-failure test on 48 samples at one time.

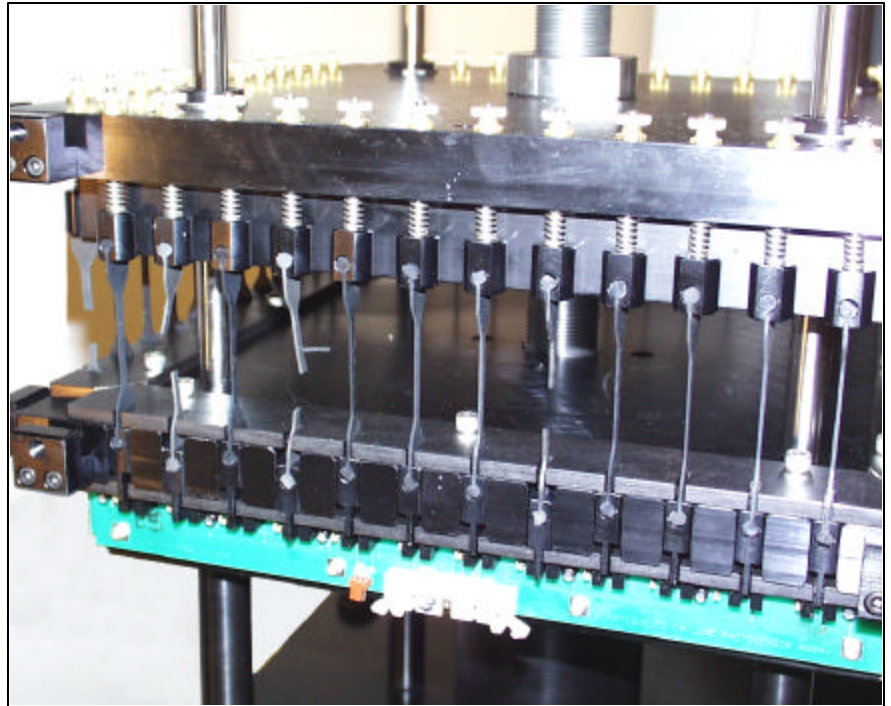
United is proud to introduce the latest in accurate and efficient rubber testing. The FTF-48 combines the rugged construction and precise computer control to produce an easy-to-use system with exceptional speed and accuracy.

United FTF-48

In addition to being able to test 48 samples simultaneously, the FTF-48 also uses the latest in computer control and data collection for maximum flexibility and performance. United has eliminated troublesome micro switches and mechanical counters and replaced them with all solid-state electronics for counting and failure detection.

SPECIFICATIONS

Capacity: 48 samples
Stroke: 0 to 4 inches
Speed: 100 strokes/min
Switches: Photoelectric
Counter: Computer-controlled
Power: 115 to 230 Volts,
60Hz, 10 Amps



OPERATION

- The PC controls the cycling process and counts cycles on each specimen until failure. The count values are saved to a disk file every 100 strokes so that the data will not be lost in case of a momentary power failure.
- The count value of each sample is continuously shown on the monitor screen. When a sample fails, the display color for that sample changes from white to red to make the failure easy to spot.
- The test operation may be stopped at any time by the operator with no loss of data. When the system is re-started, the operator is given a choice to continue the in-progress test operation or to clear the count values and start testing a new set of samples.
- Data and control options can be easily added. For example:
 - Preset a time or number of strokes to run.
 - Set the machine to stop when a certain percentage of the 48 samples have failed.
 - Create an automatic plot of failures versus the number of strokes.

United also offers these rubber testing products:

- Goodrich Blowout Tester
- Laser Extensometer
- High Elongation Extensometer
- Parallelogram Dog Bone Grip
- Rubber "O" Ring Grip
- Three-Station 60-Degree Elastomers Tester
- Six-Station 60-Degree Elastomers Tester
- Six-Station HOT 60-Degree Elastomers Tester

United

United Calibration Corporation

5802 Engineer Dr.
Huntington Beach, CA 92649
Ph: 714-638-2322, 714-893-1821
Fax: 714-897-8496
E-mail: united@tensiletest.com
Website: www.tensiletest.com

United Testing Systems Canada, Ltd.

225 Bradwick Drive, Unit 21
Concord (Toronto), Ontario L4K 1K7
Ph: 905-669-5327, Fax: 905-738-5051
E-mail: arno@utscanada.com

United Testing Systems, Inc.

5171 Exchange Dr.
Flint, MI 48507
Ph: 810-732-2800
Fax: 810-732-2872
E-mail: UtsFlint@tir.com