

# Upgrade Your Compression Tester With State-of-the-Art Technology

- Maintain testing quality and consistency like never before with the latest in **new electronics and compression tester software** from Emerson Apparatus.
- We can upgrade either your **older Emerson Compression Tester or any other equipment manufacturer's model**.
- Software comes loaded on a specially-configured computer **with color printer and a 17" flat panel color display**, ready to plug in and use "as-is" with **minimal set-up required**.
- Runs on the **Windows Operating System** and presents major improvements in operator ease of use, reliability, and stability over prior DOS and earlier Windows versions.
- All tests have been updated with **enhanced monitoring capabilities and greater control of system functions**—giving you access to tests and results through one software package.
- Program CD ensures ease of **software recovery** in case of hard drive crash or CPU damage. Includes a recovery disk for restoration of calibration parameters.
- With a complete change/upgrade of your electronics system to Emerson's newer, state-of-the-art package, we **warrantee** the upgraded unit as we would a new tester.
- Reliability and enhanced system performance translates into **potential savings** for you in terms of testing time and efficiency, the need for fewer repeat tests, and improvements in your product manufacturing processes, quality, and overall customer satisfaction.



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**PUT US TO THE TEST!** See for yourself why Emerson Apparatus has grown into one of the most trusted producers of high quality laboratory testing equipment. Contact us by phone, email, or through our Web site to initiate a quote on this and/or other fine products. **CAN'T FIND WHAT YOU NEED?** Let's explore how Emerson Apparatus can engineer, design, and manufacture a custom solution just for you!

# Impressive Upgrade Features for Your Compression Tester

Emerson's Compression Tester Upgrade Packages include:

- **ALL NEW ELECTRONICS**—Specially configured and pre-loaded high-speed computer with color printer and 17-inch flat panel color display.
- **SOFTWARE ENHANCEMENTS**—Upgrades existing features of older DOS and Windows versions of our Compression Tester Software, including "Test Explorer" for graphic data recall, automatic Software Stop Limits recall for the box you are testing, easier test value entry boxes, updated error handling, multiple chart overlays (to compare multiple test results on the same chart) . . . and much more!
- **MICROSOFT WINDOWS OPERATING SYSTEM**—Windows-based operating systems for reliability and fault tolerance.
- **MICROSOFT ACCESS**—New database model lets users add custom reporting, charting, and web connectivity outside the Compression Tester Software with purchase of Microsoft Access.
- **ETHERNET**—Industrial Ethernet, the new machine control standard, allows for high speed data transfer, no-loss communications, and inter-system compatibility.
- **BOX LIMIT RECALL**—Allows platen limit position recall when switching to predefined boxes.
- **FULL SOFTWARE SUPPORT**—Compression Tester Software versions 5.9 and up are fully supported by our programming staff. As features are added, upgrades will be available.
- **PROGRAM RECOVERY**—Users can recover their Compression Tester Software and calibration information in the event of a system failure.
- **SIGNAL CONDITIONING**—New digital signal processing algorithms present the cleanest, most noise free, real-time data from your compression tester to date.
- **SPEED**—CPU utilization is greatly reduced, yielding more robust system performance.
- **ENHANCED TESTS**—All tests have been updated, including a 10-point profile test that lets users set up to 10 distinct static loads, each with a specific duration, and run them concurrently.
- **ENHANCED MONITORING**—More system functions are monitored and controlled, such as "Motor Fault Conditions" resetting.
- **RENEWED WARRANTY PERIOD**—With a complete change of your electronics to newer, state-of-the-art systems, Emerson Apparatus warrants the upgrade unit as it would a "new" tester.



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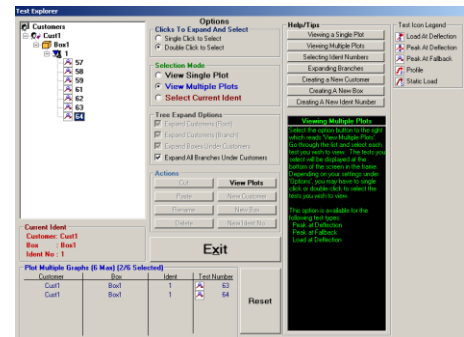
# Intuitive & User-friendly Software for Your Compression Tester

Emerson's new Compression Tester Software uses familiar Windows-based screens and navigation aids to provide an intuitive and user-friendly interface to your Compression Tester equipment.

- **MAIN MENU.** With just a few key strokes, the Compression Tester's "Main Menu" screen allows users to select test types, run tests, control the compression tester platen, search statistical reports, plot graphs, and/or view graphs on screen.



- **TEST EXPLORER.** With the "Test Explorer" feature, users set up customer box types with specific parameters for each test. Users can also review desired test results and view single plots or superimpose multiple plots on one graph.



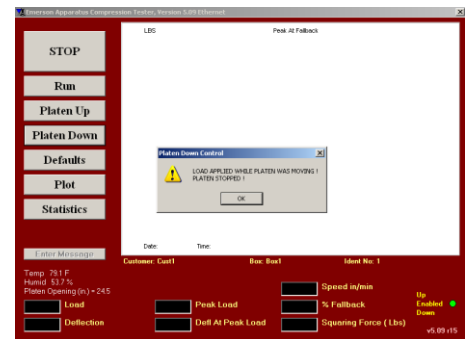
- **PEAK AT FALLBACK.** The "Peak at Fallback" menu lets users:
  - Select the test type for the current Customer, Product and Test Group
  - Adjust test parameters
  - Adjust product dimensional limits
  - Compensate for platen opening changes caused by fixtures.



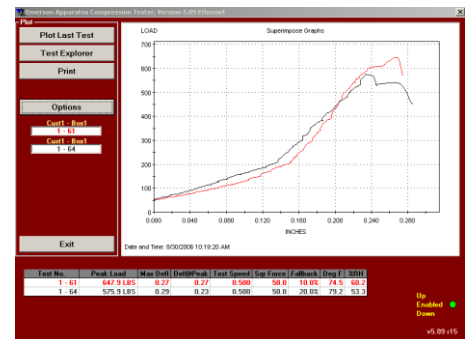
- PLATEN DOWN/PLATEN UP.** Accessed from the Main Menu, users control the platen opening action (up or down) as well as speed and stop positions. The size of the platen opening is displayed (in inches) at all times. *Pictured: platen down screen.*



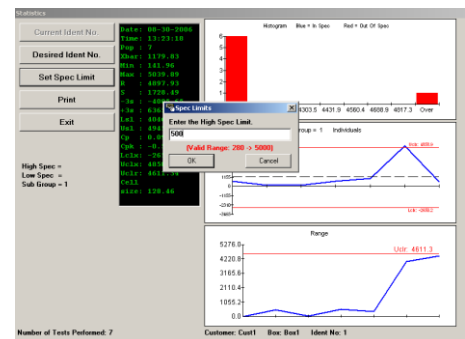
- LOAD APPLIED SAFETY FEATURE.** Should anything come in contact with the bottom platen while the machine is traveling down at fast speed, the Compression Tester's "load cell" senses it and this safety feature stops the machine, preventing damage or erroneous test results.



- MULTIPLE PLOTS CURVE.** Users can select up to 6 plots and overlay them all on one page, displaying information about each plot. Ideal for comparing test results on one chart.



- HISTOGRAM.** The software's robust statistics package allows users to view statistical data for a variety of test results in the form of histograms.



# Upgrade Now!

**Give your Compression Tester the “re-boot” it needs to keep performing for you day in and day out.**

Emerson's Technical Staff stands ready to **upgrade your older Emerson Compression Tester or any other equipment manufacturer's model** with our new software standard and state-of-the-art electronics.

## Put Us to the Test!

See for yourself why Emerson Apparatus has grown into one of the most trusted producers of Compression Testers, Compression Testing Software, and other Laboratory Testing Equipment for industrial applications.

For more details or to initiate a quote, contact us . . .

- By phone: **IDD 1-207-856-0055**
- By email: **info@EmersonApparatus.com**
- Through our Web site: **www.EmersonApparatus.com**



## Can't Find What You Need?

Let Emerson Apparatus engineer, design, and manufacture a custom solution just for you.

**CONTACT US TODAY!**

