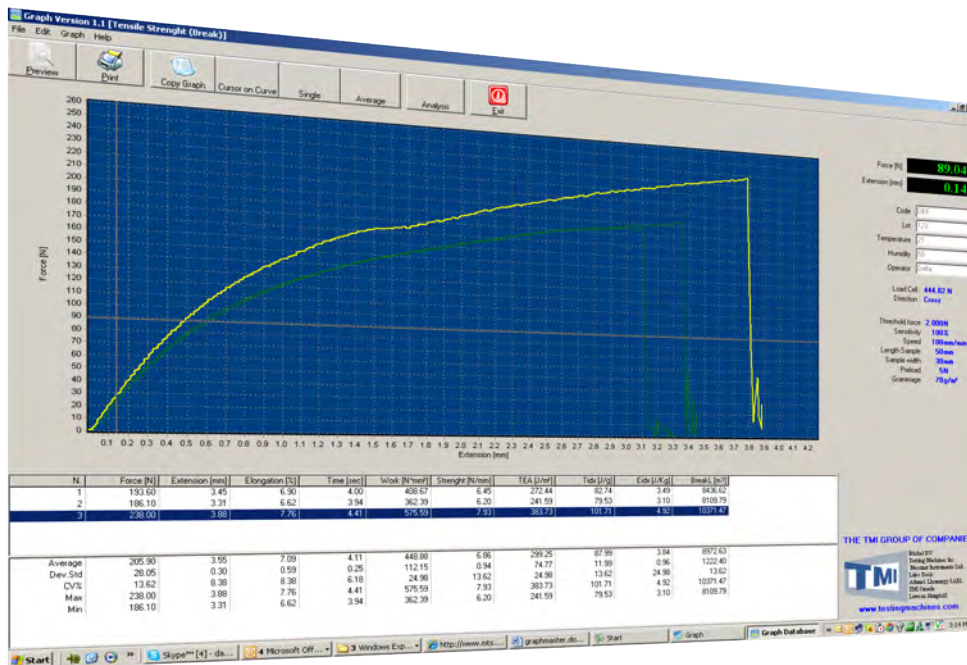


# GraphMaster™



Capture test curve data with results and transfer directly to Excel®, Access® or Clipboard



## KEY FEATURES

- Displays real-time test curve for visual analysis
- Selection of test results based on Industry Standards
- Preview and print sample parameters, calculated results, test curves and statistics
- Easy transfer of pertinent information to other application programs for advanced analysis
- Displays single, multiple and average test curves for a series of measurements
- Automatically saves test curve and result information

**TESTING MACHINES INC.**

## OVERVIEW

**GraphMaster™** is a curve analysis and data storage program developed by the TMI Group for evaluating materials strength such as tensile, compression, peel, burst and bending resistance. The software automatically captures and reports force, pressure, position, bending angle or time during a testing sequence based on the output of the interfaced instrument. Test result information is immediately displayed allowing the operator to quickly review, evaluate selected results and save test curves. A library of calculations is available to report commonly used test results based on industry or international standards.

## FEATURES

- One click on the Database feature allows the operator to select a favorite format to save critical test information using Microsoft® compatible programs such as Clipboard, Excel®, Access® or other standard file types.
- An intuitive Peel Test program reports maximum, minimum and average force results meeting a full spectrum of international peel test standards
- Standard tensile strength tests can be carried out on a variety of samples such as Paper, Film/Foil Seals, Tissue Paper, Fibers, Nonwovens and other low force materials
- GraphMaster™ software includes a language database which allows a selection of languages; additional languages can be easily added by request.
- GraphMaster™ software was developed to work with a family of testing instruments developed by the TMI Group including:

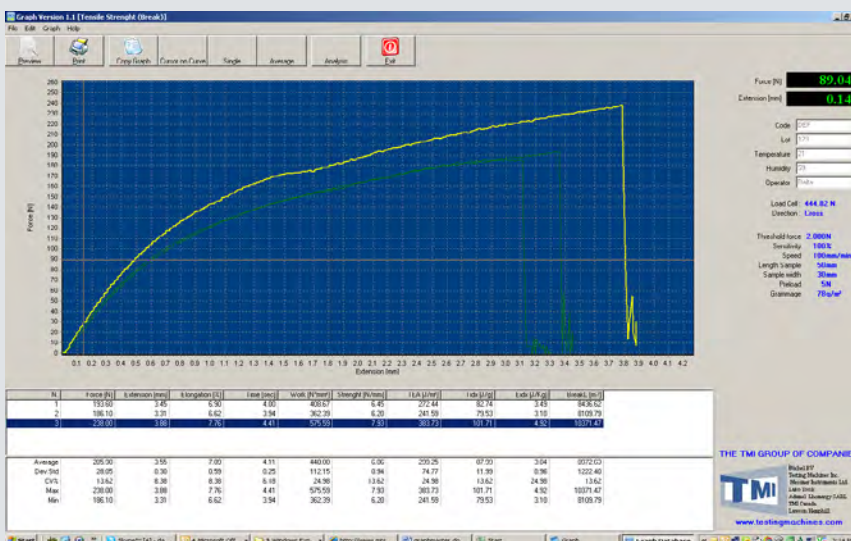
Model 84-76 Tensile/Peel Tester

Model 13-60 Burst Tester

Model 17-60 Crush Tester *(available in 2010)*

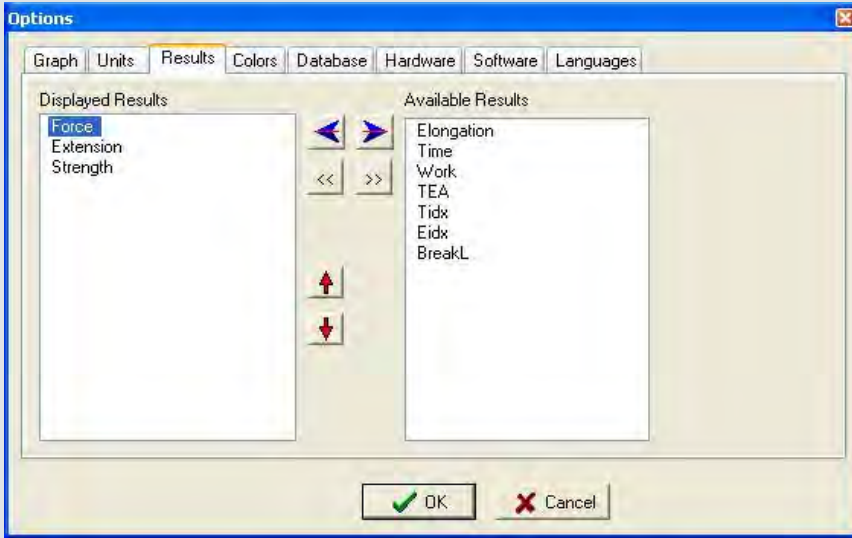
Model 17-76 Crush Tester *(available in 2010)*

Model 79-25 Bending Resistance and Stiffness Tester *(available in 2010)*



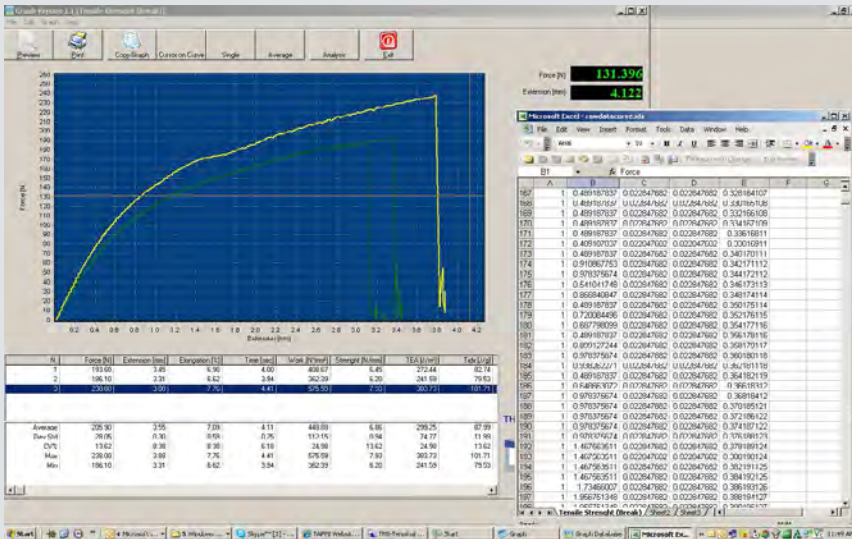
## VIEW TEST CURVE IN REAL-TIME

GraphMaster Software provides a real-time display of the force/position curve. Advanced data acquisition functionality quickly provides test result information for immediate review and storage.



## AVAILABLE RESULTS MENU

GraphMaster provides a selection of test results based on Industry Standards. Customize your test screen and reports to meet your individual requirements.



## QUICKLY EXPORT TEST PROFILES AND RESULTS TO EXCEL

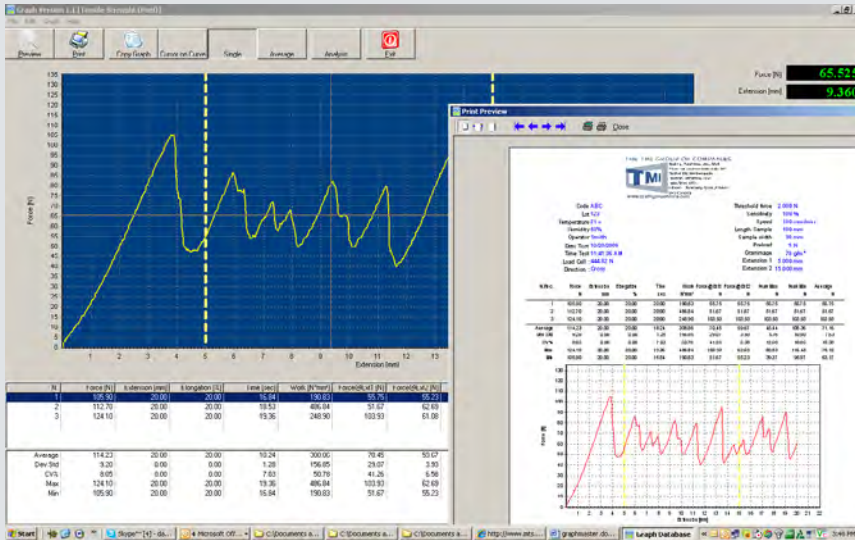
Advanced software functionality provides seamless transfer of test result and raw data information including Force, Position, Elongation and Time directly to Excel for additional data manipulation and analysis.

Date	Machine	Temp (°C)	Force (N)	Extension (mm)	Elongation (%)	Work (J)	TEA (mm)	Tidx (mm)	Eidx (mm)	BreakL (mm)
11/10/2009 11:41:46 AM	Machine 1	22.0	114.22	3.010	6.180	18.28	24.55	7.25	6.25	16.25
11/10/2009 11:51:51 AM	Machine 1	22.0	38.57	1.200	1.200	1.200	1.200	1.200	1.200	1.200
11/10/2009 12:02:30 AM	Machine 2	22.0	72.20	14.000	14.000	14.000	14.000	14.000	14.000	14.000
11/10/2009 4:23:19 PM	Machine 2	22.0	64.20	10.000	10.000	10.000	10.000	10.000	10.000	10.000

## DATABASE CAPABILITIES AUTOMATICALLY STORE PERTINENT TEST DATA

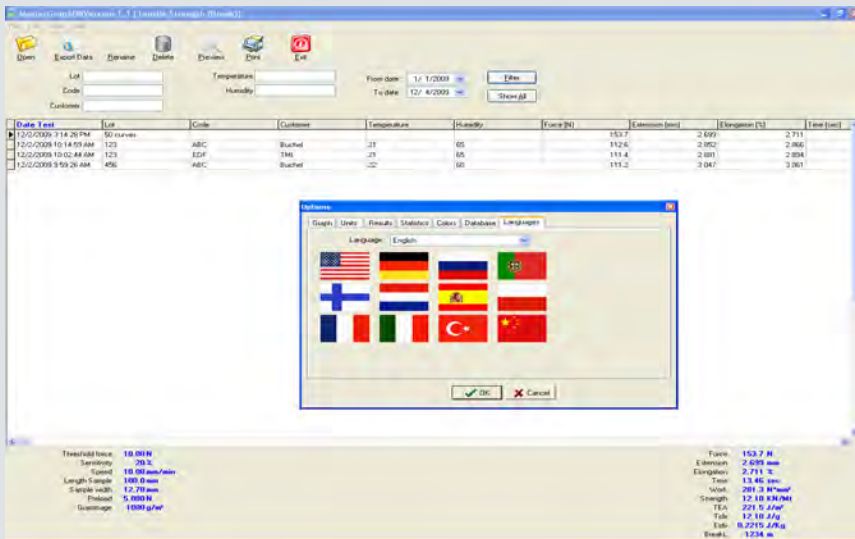
Test information is easily saved and recalled using an advanced built-in database feature. A flexible database package allows you to create 5 user defined fields. Additional saved information includes date, time, selected test results and instrument test parameters which are all conveniently available for later recall and analysis.

## SIMPLICITY IN GENERATING TEST REPORTS



GraphMaster test reports include single and multiple test curves, sample information and statistics. Previously saved operator and test information can be recalled and previewed for review and printout.

## GRAPHMASTER AVAILABLE IN LANGUAGES



Dedicated to meeting the needs of the global community, GraphMaster is available in 12 languages. Additional languages can easily be added based on a translate procedure supporting Unicode.

### PC Requirements:

Intel Pentium® P-IV 3Ghz or better (or equivalent alternative i.e. AMD™)

100 Mb free hard disk space, 9-pin RS-232 serial port or USB port with a USB to Serial converter (optional)

Supports –Windows 2000®, XP®, Vista® and 7®

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