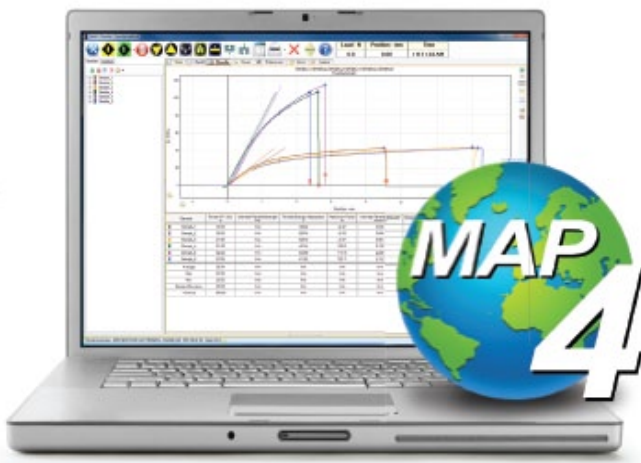




MAP 4 SOFTWARE MOTION, ANALYSIS AND PRESENTATION

The new generation...



... of material testing software

- View Realtime Graphical Test Results
- User Customizable Test Methods
- Create Custom Presentation Templates
- Share Video and Sound Training
- Control Your Test Result Display
- Simplify Analysis by Tracking Variables
- Group Statistics for Powerful Analysis
- Easy Unit Conversion Built-In
- Multi-Lingual System Capabilities



Dynamic Motion Control, Detailed Analysis, Power to Present

MAP-4 is a comprehensive advanced materials testing software system used for many applications. No need for expensive add-on modules. This new version takes the MAP software platform to a new level of excellence.

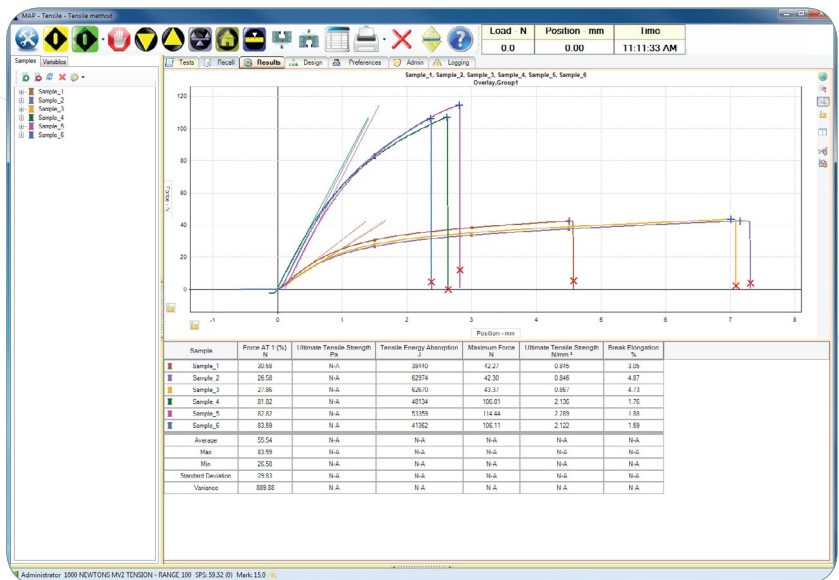
Easy to use - it is now possible to design, customize and maximize your testing procedures and final output with simple menus. Write custom scripts based from templates or from scratch.

Thwing-Albert's MAP-4 software comes equipped with preset standards available for use out of the box. The MAP-4 software is compatible with the Vantage Series Tensile Testers working to multiply exponentially the possibilities and ease of testing.

Test methods are built-in to the program for various applications including tension, compression, peel, tear, friction, and with the ability to customize the potential is unlimited. When it comes to flexibility and capability, MAP-4 software is equipped to test a variety of materials including paper, plastic, rubber, textiles, medical devices, seals and foam..

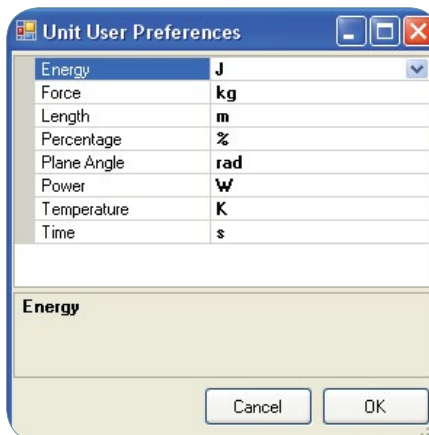


Digital Control Panel



Realtime Graphical Display

Users see the Stress/Strain Curve as the test runs.



Easy Unit Conversion

Simply select the desired unit conversions from the drop down menus to make changes to test criteria:

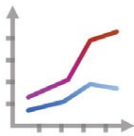
Energy
Force
Power
Time

Length
Plane Angle
Temperature
Percentage



Configurable Test Result Display

Users can customize the "Result" screen to view results based on their needs.



Tracking Variables

Add "Tacking Variables" that let you track your results, search the database and group data on screen.

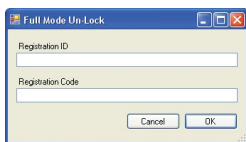


Set Pass/Fail Conditions

Increase productivity by setting pass/fail conditions for testing methods to alert technicians when a test result is out of specification

Password Protection

Advanced users can setup user groups and individuals software privileges.





Group Statistics

Group test results together using tracking variable so that you can see statistics on each group.



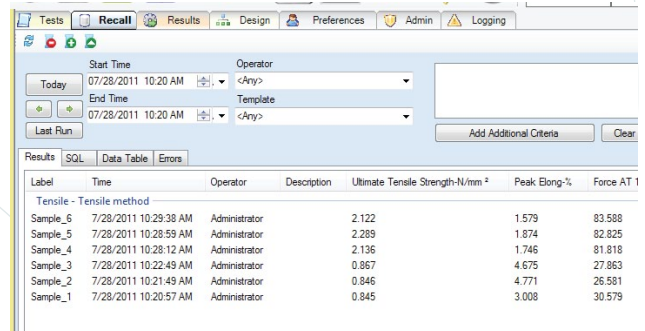
Language Database

Administrators can add and edit the database for any language. Multi-Lingual Capabilities: English, Spanish, German, French, and more...



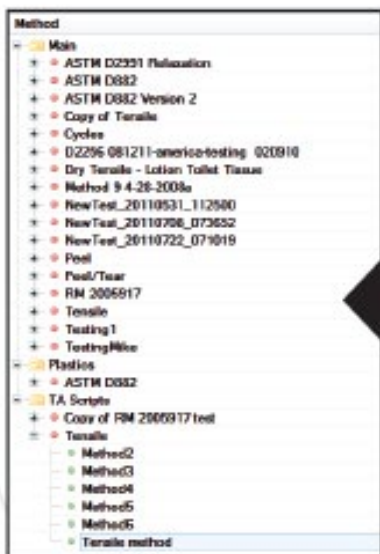
SQL Database

Easily manipulate test results...they can be queried, recalled and exported to Excel for enhanced analysis.



Label	Time	Operator	Description	Ultimate Tensile Strength-N/mm ²	Peak Elong-%	Force AT 1
Tensile - Tensile method						
Sample_6	7/28/2011 10:29:38 AM	Administrator		2.122	1.579	83.588
Sample_5	7/28/2011 10:28:59 AM	Administrator		2.289	1.874	82.825
Sample_4	7/28/2011 10:28:12 AM	Administrator		2.136	1.746	81.818
Sample_3	7/28/2011 10:22:49 AM	Administrator		0.867	4.675	27.863
Sample_2	7/28/2011 10:21:49 AM	Administrator		0.846	4.771	26.581
Sample_1	7/28/2011 10:20:57 AM	Administrator		0.845	3.008	30.579

Built-In Library of Standards...Endless Possibilities



Sample List of Built-In Test Methods

Includes a built-in library of testing methods to comply with ASTM, ISO, TAPPI, DIN and other standards.

Simple customization when your test parameters change open existing methods, modify and save new custom methods.

Advanced users can have full control over the motion analysis and the presentation of data.



User Customizable Methods

Template Creation

Administrators and users with software privileges can design and build complex scripts that control the every aspect of the test method.



Training

Video and Sound Training videos can be added to templates to help guide users.



Get your staff up and running quickly and provide valuable tips for reference later to maintain consistent testing.