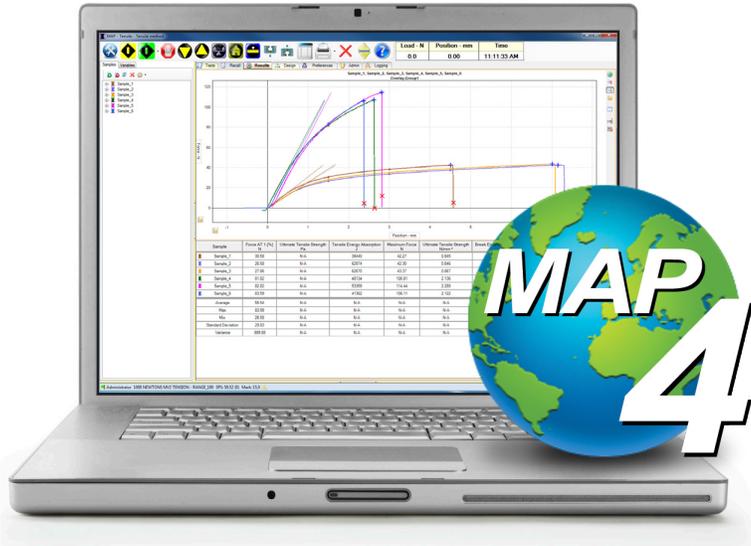# MAP4 Materials Testing Software
Motion, Analysis, Presentation

Available for Data Analysis with the Vantage^NX, FP-2260, ProGage Touch, Handle-O-Meter and ProTear Elmendorf

- ✓ View Real-time 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

Vantage^NX Universal Testing System

FP-2260 Friction/Peel Tester

Handle-O-Meter

ProTear Elmendorf Tear Tester

ProGage Touch Thickness Tester

Thwing-Albert Instrument Company

TA091124

thwingalbert.com

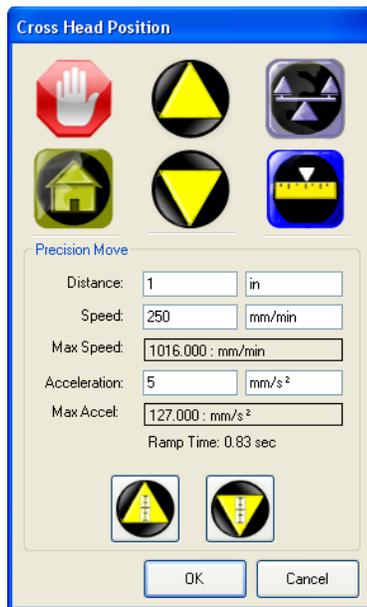# Dynamic Motion Control, Detailed Analysis, Power to Present...

MAP4 is a comprehensive advanced materials testing software system used for many applications. No need for expensive add-on modules. This updated version of MAP Software is a user-friendly system with complex testing capabilities.

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.
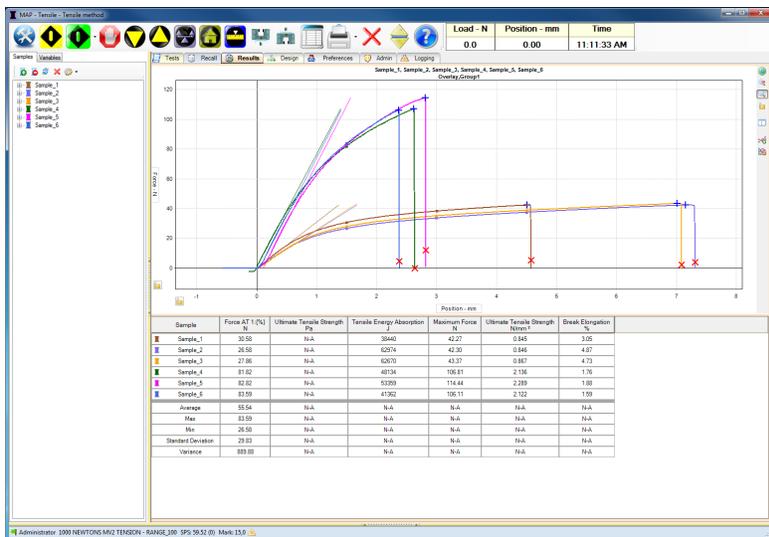
Thwing-Albert's MAP4 software comes equipped with preset standards available for use out of the box. The MAP4 software is compatible with the Vantage Series Tensile Testers working to multiply exponentially the possibilities and ease of testing.

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, MAP4 software is equipped to test a variety of materials including paper, plastic, rubber, textiles, medical devices, seals and foam.
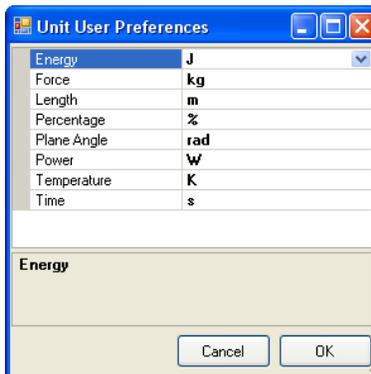
Digital Control Panel

Real-time 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	Length
Force	Plane Angle
Power	Temperature
Time	Percentage

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

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

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

Language Database
Administrators can add and edit the database for any language.

Multi-Lingual Capabilities:
English, Spanish, German, French, and more...

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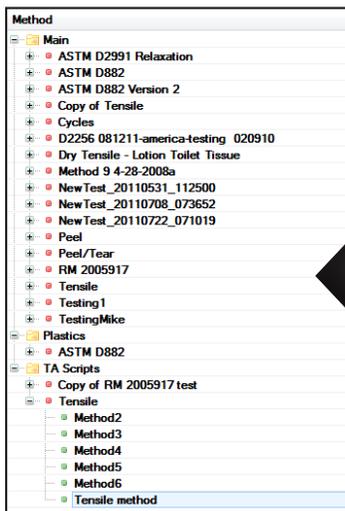Increase productivity by setting pass/fail conditions for testing methods to alert technicians when a test result is out of specification.

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

Password Protection
Advanced users can setup user groups and individuals software privileges.

User Name
Default
Global
Groups
Administrators
Technicians (Advanced)
Technicians (Intermedi...
Technicians (Beginner)
Designer
Technicians
Power Users
Users
Administrator
MAPUser
Tech1
Tech2
Tech3
Designer

Full Mode Un-Lock

Registration ID

Registration Code

Cancel   OK

Tests	Recall	Results	Design	Preferences	Admin	Logging

Start Time	Operator
Today	07/28/2011 10:20 AM \<Any\>
	End Time	Template
	07/28/2011 10:20 AM \<Any\>
Last Run	Add Additional Criteria Clear

Results	SQL	Data Table	Errors

Label	Time	Operator	Description	Ultimate Tensile Strength-N/mm²	Peak Elong-%	Force AT
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

Method
Main
ASTM D2991 Relaxation
ASTM D882
ASTM D882 Version 2
Copy of Tensile
Cycles
D2256 081211-america-testing_020910
Dry Tensile - Lotion Toilet Tissue
Method 9 4-28-2008a
NewTest_20110531_112500
NewTest_20110708_073652
NewTest_20110722_071019
Peel
Peel/Tear
RM 2005917
Tensile
Testing1
TestingMike
Plastics
ASTM D882
TA Scripts
Copy of RM 2005917 test
Tensile
Method2
Method3
Method4
Method5
Method6
Tensile method

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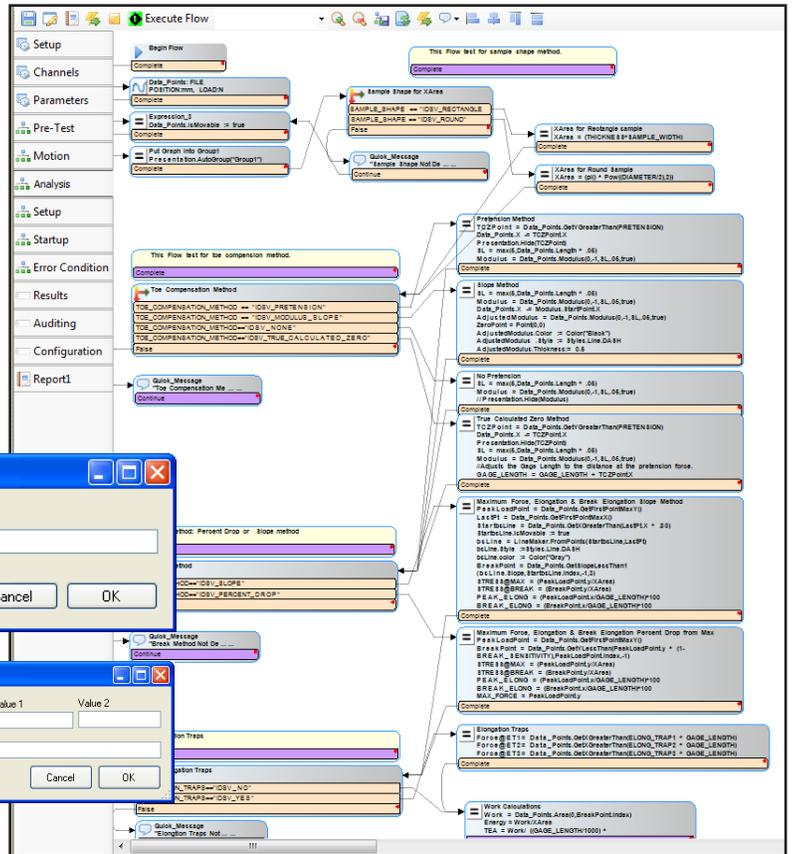
Advanced users can have full control over the motion analysis and the presentation of data.

MAP 4

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.

System Requirements

- ✓ Operating System: Windows®
- ✓ Microsoft .NET Framework 4.5
- ✓ Processor: 2 GHz or faster processor
- ✓ RAM: 8 GB
- ✓ Hard Disk Size: 500 GB
- ✓ 2 USB ports
- ✓ Video: 1920 x 1080 minimum

Includes FREE technical support for one year.

Contact Thwing-Albert for a Demo
856-767-1000 or info@thwingalbert.com

Thwing-Albert
Instrument Company

thwingalbert.com