BRAVO
A Brand You Can Trust

Tech Quality Co.,Ltd.
บริษัท เทค ควอลิตี้ จำกัด

UTM

UNIVERSAL TESTING MACHINE

MADE IN THAILAND

MF Pro Series

The Stealth MF200 Pro Series floor models Universal Testing Machine are designed to test a wide spectrum of materials including metal wire & foil, plastics, rubber, textiles, paper, yarn, adhesives, ceramics, timber, foods, composites & finished components in tension, compression, flexural or shear. Maximum frame capacities are from 20N to 200KN In compliance with various international standards, such as ASTM, BS EN, JIS, ISO, IEC, TISI

Ordering Information

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LINE

Features

1. Panasonic servo motor drive set
2. USA Brand Load cell grade 0.5%
3. 10 Point calibration adjustment
4. High Accuracy Ball Screw
5. Load Resolution 1/500000
6. Force measurement range 0.1% to 100%FS
7. Data Transfer Rate to PC 1 kHz..
8. Automatically sample Height measurement
9. Modern extruded profile High-quality load-frame design
10. Load Measuring System EN ISO 7500:2015 Class 0.5
11. Wireless Communication
12. Dual-X Asis Graph and multi Graph Display
13. 32-bit A/D converter/ EEPROM Plug
14. Standard Library Test Method

Simple to use Test Setup

Limit Testing Break Testing Loop Testing Preload Setup
Elongation Auto Return, Over Load Protection

Applications

Metal,Plastic,Rubber,Textile,Synthetic,Wire,Cable, Food,Packaging,Autopart,Spring, AeroSpace, Woods, Composit etc.

Muli-control mode

- Constant speed
- Position
- Load Rate
- Constant Stress & Strain
- Multi-step control

Test Types

-Tensile Testing
-Compression Testing
-Flexural Testing / Friction
-Tearing / Peeling
-Insertion / Extraction
-Creep/Relaxation

Specifications

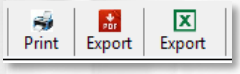
Bench-top frame to apply loads - from 20KN to 200 KN

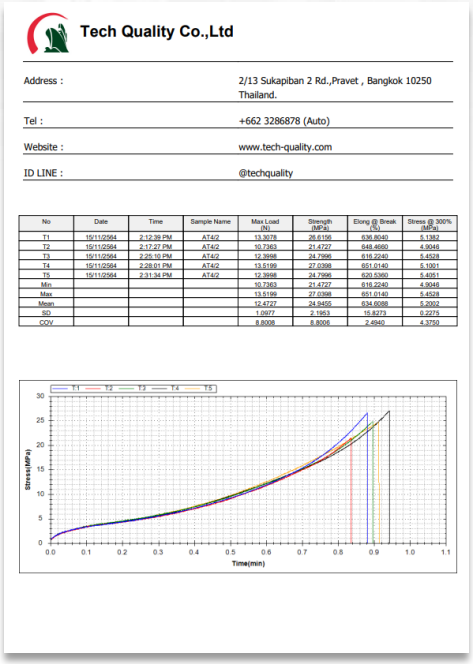
Model : Stealth	MF200 Pro
Capacity (KN)	200
Load Accuracy (%) FS	0.5
Min. Load Resolution	$1/10^9$
Crosshead Speed (mm/min)	0.001 - 250
Speed Accuracy (%) FS	0.1
Extension Resolution (µm per encoder count)	0.0003
Crosshead Travel (mm)	1,000
Crosshead Travel Extended (mm)	Call
Width Between Columns (mm) can be offered upon request	600
Weight Approx (kg)	1800
Load Measuring System : EN ISO 7500-1:2015, Class 0.5 ASTM E4	
Plug 'n' Play, automatic identification of BRAVO series load cells	
The Windows® 10 (64 Bit) compatible Black Hole Software	
Power 220Vac/ 50Hz	
Operating Temperature 5° to 35°C (41° to 95°F)	
Warranty 1 Year	

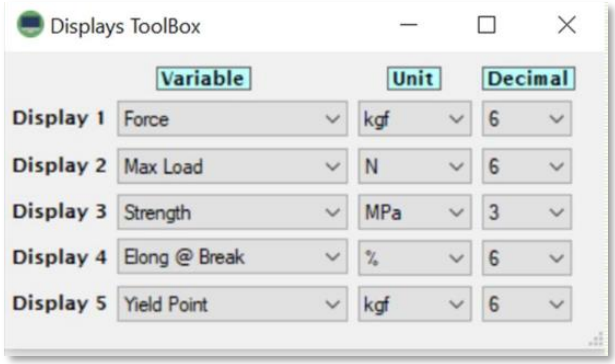
Blackhole software

Multi Graph Displays

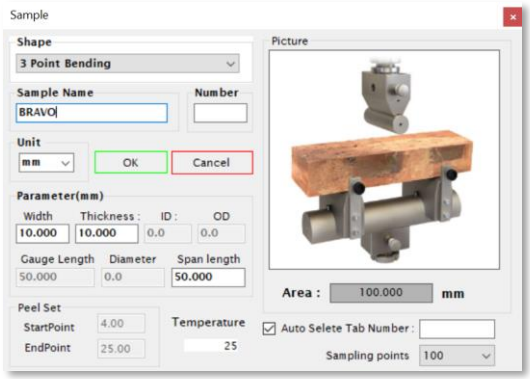
Excel CSV, Excel, PDF
User design reports



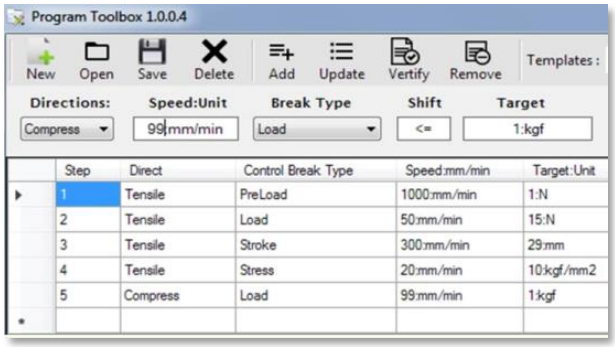




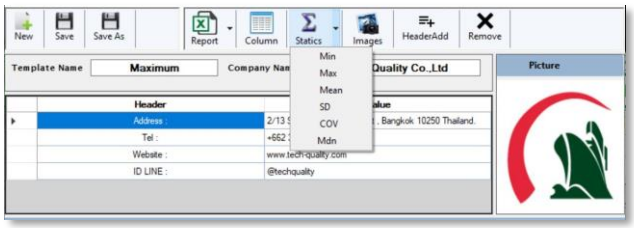
Multi Display - Unit & Decimal Point



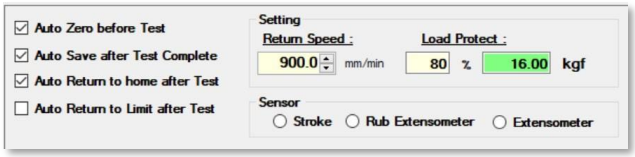
Sample Information



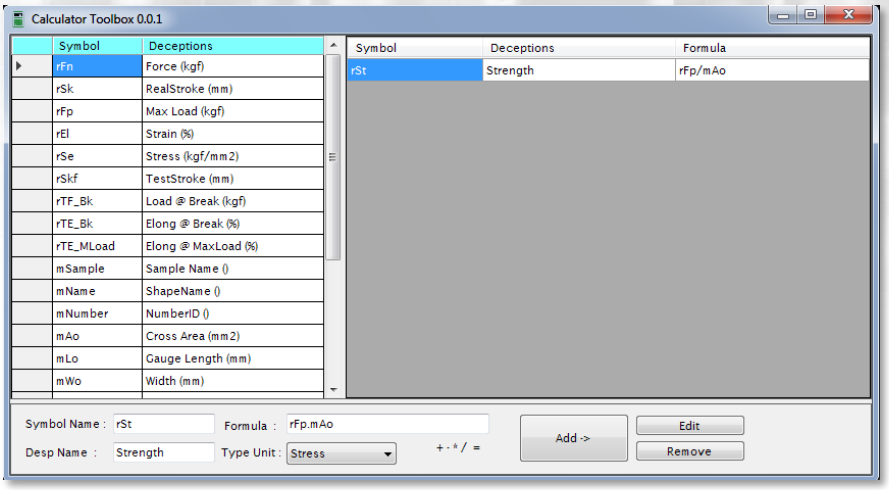
Multi-stage testing with Black Hole software



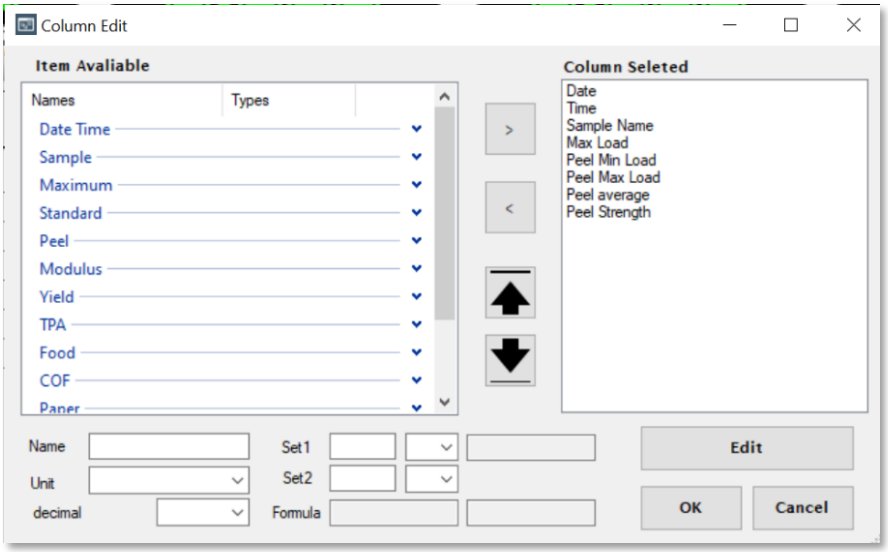
Statistic Reports



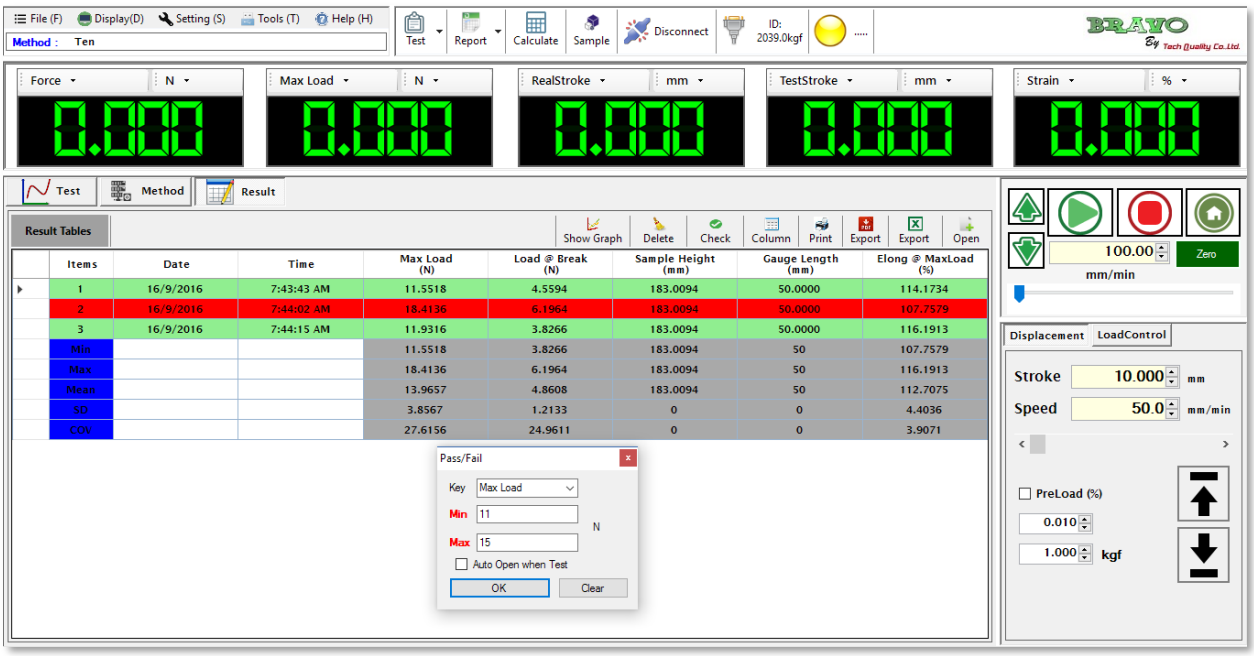
Auto test setup & load protect



"Formula design by user"

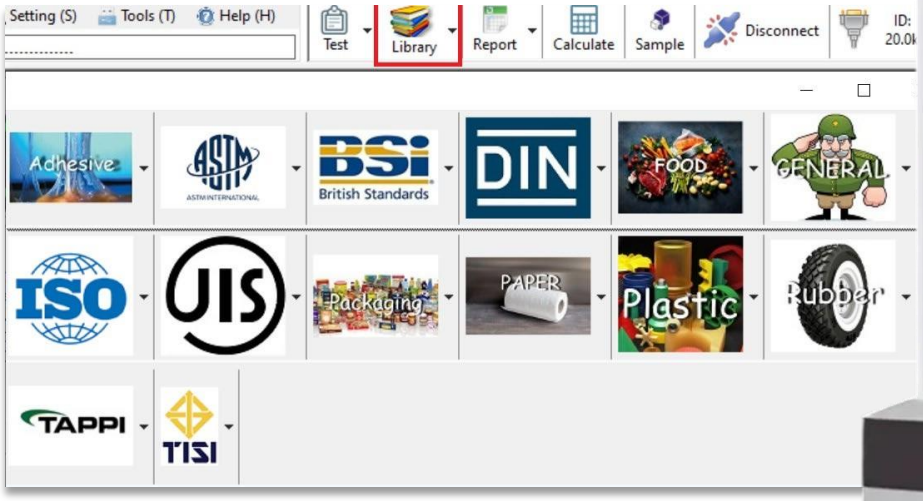


"Selectable result"



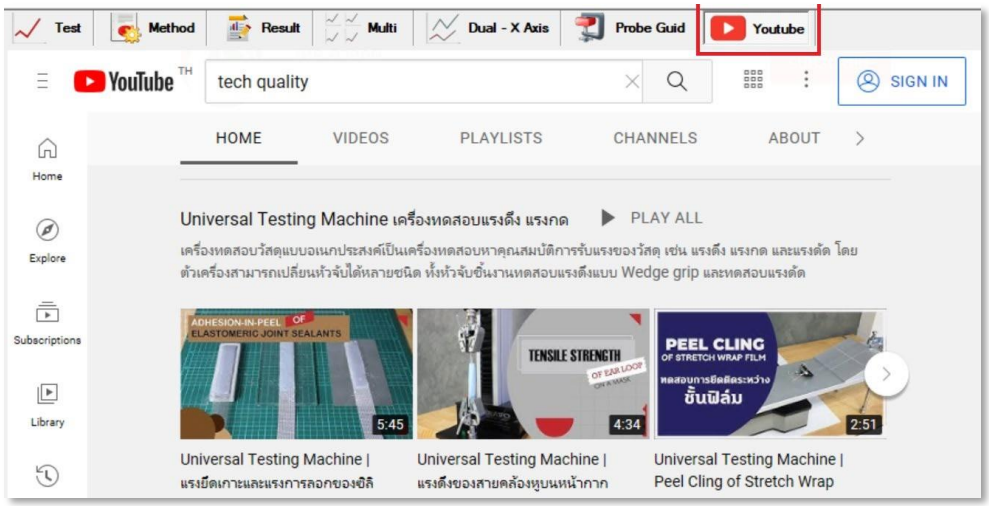
"Results can be color-coded for immediate pass/fail recognition"

Library



Standard Library

Probe Guide



YouTube Guide