

# TP-155 & TP-156 PEEL FORCE ANALYZERS

## PRECISION MEASUREMENT AND ANALYSIS FOR SMD CARRIER/COVER TAPES



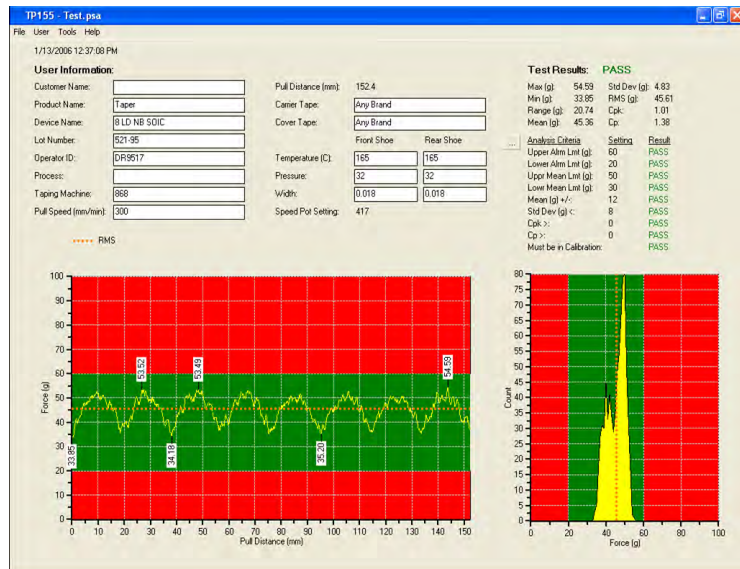
TP-156 with Display

The TP-155/6 Peel Force Analyzers are high precision laboratory quality instruments designed to withstand the demands of common production environments. Constructed of rugged heavy gage steel and aluminum these analyzers are the most reliable tools in the industry for measuring the peel force between carrier and cover tapes.

The TP-155/6 has a built-in A:D converter to provide strain gage data readings digitally to an external computer via standard USB 2.0 port. Proprietary SPC software is compatible with Windows XP, Vista, or Win 7 operating systems and may be loaded on any desktop or notebook computer.

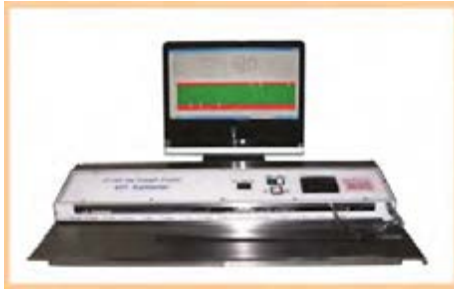
### The Software

The SPC software package offers tremendous flexibility for logging, displaying, and printing....save it all for traceability requirements but print only what you need using templates you can create based on the unique demands of your customers. At a later date any data can be recalled including actual peel force graphs, histograms and charts. Any user input data can be filtered to extract trend information – particularly useful for operator training or for predicting the need for taping machine maintenance .



## TP-155/6 FEATURES

- Processes tapes from 8 to 120 mm wide .
- Test methodology conforms to EIA, EIAJ and IEC test specifications.
- Supplied with calibration weight that complies with ISO and QSO requirements.
- Peel back speed is continuously variable between 50 and 1000 mm/minute.
- Data readings outputted to external computer via USB 2 port.
- Proprietary SPC software compatible with Win 7 and Win 10.
- Software provides wide variety of ways to graph, store and display data.
- Extremely easy procedure for calibration when changing peel speed settings.
- Simple software Wizard guides the user for calibration, GR&R tests, and more.



TP-155



Peel Test

The TP-155 and TP-156 are virtually identical analyzers except for the allowable length of pull test and the "footprint" of the system (see specs). All other capabilities and specifications for the TP-155 and TP-156 are identical.

## SPECIFICATIONS

Footprint Dims.: TP-155 — 914 X 254 mm  
TP-156 — 609 X 254 mm  
Power Requirements: 120/240 VAC, 50/60 HZ  
Weight: TP-155 — 50 lbs (20 Kg)  
S/W Compatibility: Win 7, Win 10  
Minimum Computer Requirements:  
512 MB Ram, 1.2 GHZ Processor,  
CD Reader, 3 USB Ports

Tape Sizes: 8 to 120 mm  
Peel Speed: 50 to 1000 mm/min  
Peel Back Angle: 175° - 180°  
Test Range: 0—200 grams  
Test Pull Length:  
TP-155: 6" & 12"  
TP-156: 6"

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