

PosiTest[®] **AT** Series *Pull-Off Adhesion Testers*

Measures the adhesion of coatings to metal, wood, concrete and other rigid substrates



*Available in Automatic
or Manual models*



PosiTest[®] AT Series

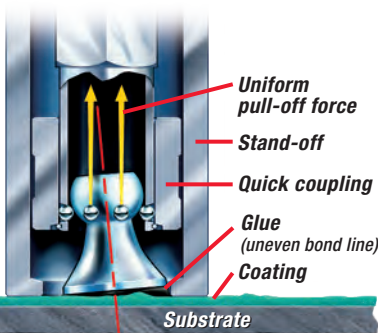
Measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure.

All Models Feature...

- Environmentally sealed enclosure – weatherproof, dustproof and shockproof – meets or exceeds IP65
- Inexpensive, single-use dollies eliminate cleaning for re-use and can be kept as a permanent record
- Conforms to international standards including ASTM D4541/D7234, ISO 4624/16276-1, AS/NZS 1580.408.5 and others
- 10, 14, 20 or 50 mm dollies maximize capability and measurement resolution across a wide range of bond strengths
- Calibrated and certified to $\pm 1\%$ accuracy using a NIST traceable load cell

Self-Alignment Feature

The PosiTest Adhesion Tester compensates for misalignment. The self-aligning, quick-coupling actuator and spherical articulating dolly head enable uniform distribution of the pulling force over the surface being tested, preventing a one-sided pull-off.



Ordering Guide

Manual Models	ATM20 0.7 – 20 MPa 100 – 3000 psi	ATM50 0.4 – 3.5 MPa 50 – 500 psi
Automatic Models	ATA20 0.7 – 24 MPa 100 – 3500 psi 100 – 7550 N	ATA50 0.4 – 3.8 MPa 50 – 560 psi 100 – 7550 N
Dolly	20 mm	50 mm
Typical Application	Coatings on metal	Coatings on wood, concrete and plastic
Resolution	0.01 MPa (1 psi)	
Accuracy	$\pm 1\%$ Full Scale	

* Optional 20 and 50mm Accessory Kits allow each model to be used with alternative dolly sizes. Custom 10 and 14 mm dollies are available for special applications.

All kits include everything needed for testing:

Adhesion Tester, built-in rechargeable NiMH battery with charger, dollies, abrasive pad, cutting tool, glue with mixing sticks and palettes, cotton swabs, USB cable, PosiSoft Software, instruction booklet and video, shoulder strap (AT-A only), Certificate of Calibration traceable to NIST, two-year warranty, and sturdy, lightweight carrying case

Select Manual or Automatic...

PosiTest AT-M Manual

- Manual hydraulic pump designed to apply smooth and continuous pressure with a single stroke
- Pull Rate Indicator to manually monitor and adjust the rate of pull
- Internal memory stores maximum pull-off pressure, rate of pull, test duration and dolly size for up to 200 pulls
- Compatible with PosiSoft desktop software

PosiTest AT-A Automatic

- Electronically controlled hydraulic pump automatically applies smooth and continuous pull-off pressure. Greatly reduces user effort and the risk of influencing the pulling process.
- User adjustable pull rate, pull limit and hold time
- Built-in rechargeable battery performs over 200 tests per charge. Continue testing with AC power while the battery recharges.
- Internal memory stores maximum pull-off pressure, rate of pull, test duration, dolly size, pass/fail, the nature of fracture and user notes for 100,000 pulls in up to 1,000 batches
- Compatible with PosiSoft desktop software, PosiSoft.net and PosiTector App
- PosiSoft USB Drive - stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- WiFi technology wirelessly communicates with PosiSoft.net and downloads software updates
- Rubberized, shock absorbing grips also provide a stable, skid-resistant footing

Impact and scratch resistant color touch screen with keypad for operation with or without gloves

Wirelessly connect the PosiTest AT-A to your smart device using our free app

- Add images and notes using camera and keyboard
- Create customized, professional PDF reports
- Share, backup, synchronize and report measurement data
- Auto-pairing Bluetooth (BLE) connection



B4 #1 Layers: 3	
Cohesive%	Adhesive%
Glue: Y 15	Y/Z Interface: 20
Layer 3: D	D/Y Interface: 80
Layer 2: C	C/D Interface: 0
Layer 1: B	B/C Interface: 0
Substrate: A	A/B Interface: 0
Done	

Record the pass/fail result and the nature of fracture - cohesive, adhesive, and glue failures - using the app (left) or the instrument's touch screen display (above)

DeFelsko[®]
The Measure of Quality

www.grupoinl.com

INL
Grupo INL

Chile
Fijo : (56 2) 2904 5412
Móvil: (56 9) 7989 3148
info@grupoinl.comChile

Perú
Móvil: (51) 9 9524 9424

info@grupoinl.com

Made in U.S.A.

info@grupoinl.com

PosiSoft® Suite of Software

3 FREE ways to view and report your data

PosiSoft Desktop Software (v 4)

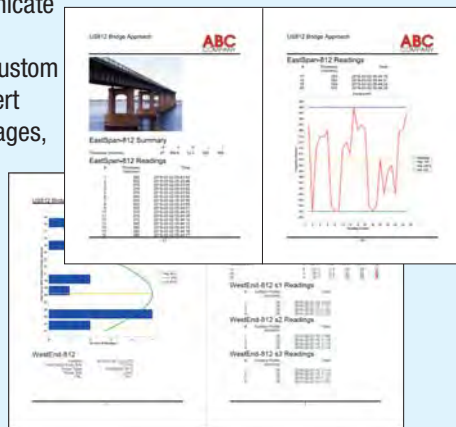
Powerful desktop software (PC/Mac) for downloading, viewing, printing and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.

- Import readings directly from the gage via USB
- **Jobs** feature consolidates and organizes batches and reports
- Export all data, settings and templates for backup and sharing



Generate Custom, Professional PDF Reports

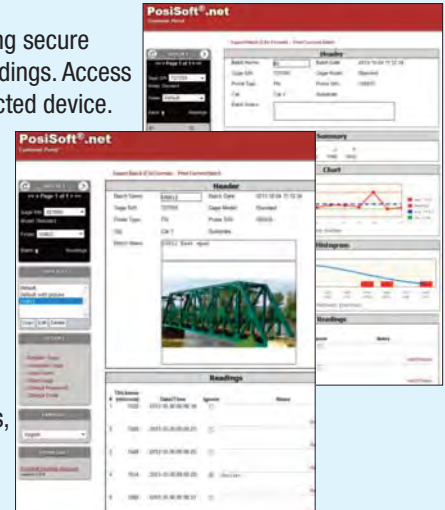
- Include inspection information such as on-site pictures, screen captures, notes and more to communicate important details
- Create and save multiple custom layouts as templates – insert cover pages, add logos/images, and select font and point size
- Select the information to include for each product type – charts, histograms, readings, time stamps and more
- Compile multi-batch reports from one or more instrument types



PosiSoft.net

A web-based application offering secure centralized management of readings. Access your data from any web-connected device.

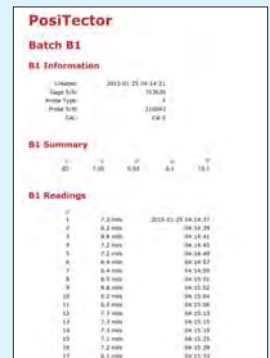
- Synchronize measurement data when connected via USB, Bluetooth or WiFi wireless technology
- Securely store measurement data in the cloud and share with authorized users via a secure login
- Generate reports with graphs, annotations and images



PosiSoft USB Drive

A simple interface to retrieve data from your gage in a manner similar to a USB flash drive. No software required.

- Measurement data can be printed quickly from an HTML report or exported in .CSV format for further analysis in Excel



	PosiSoft Desktop	PosiSoft.net	PosiSoft USB Drive
Generate basic, pre-formatted reports	◆	◆	◆
Generate professional PDF reports with custom formatting. Add pictures, logos, screen captures, notes and more.	◆	◆	
Export to .CSV (comma separated values)	◆	◆	◆
View and print readings stored on a PosiTector/PosiTest AT-A	◆	◆	◆
Add photos and notes to reading data	◆	◆	
Software installation required	◆		
Internet connection required		◆	
Default download location for batches and readings	Hard Drive	Cloud	Gage
Multi-language support: English, Spanish, German, French, Chinese and Korean	◆	◆	◆*
PC/Mac compatible	◆	◆	◆
FREE	◆	◆	◆
Compatible with all current PosiTector 6000/200/SPG/RTR/DPM/UTG and PosiTest AT series	◆	◆	◆†

*PosiSoft USB Drive supports all 15 languages supported by the PosiTector gage. † PosiTest AT-M is not supported by PosiTector USB Drive