

PosiTest[®]

Pull-Off Adhesion Tester

Measures adhesion of coatings to metal, wood, concrete and other substrates – revolutionary self-alignment feature and pull rate indicator.

New
Automatic
Model



*Now available
in 2 models...*

Manual or Automatic



DeFelsko[®]

The Measure of Quality

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

AT-A Automatic

New electronically controlled hydraulic pump automatically applies smooth and continuous pressure at a user-specified rate-of-pull

USB port for downloading

AC Adapter port charges batteries or powers instrument

Environmentally sealed, one-piece metal enclosure

Cutting tool for isolating test area

Single-use, self-aligning dollies ensure even, consistent pull-offs

Reach difficult areas with 5 ft (1.5 m) quality flex hose



Self-aligning, quick-coupling secures dollies to actuator

Both Models Feature...

Simple

- Portable – requires no external power source – ideal for lab and field use
- Pull Rate Indicator allows operator to easily monitor and adjust the rate of pull in accordance with international test methods
- Easily select dolly sizes, change measurement units or store readings, with the touch of a button
- Conversion charts not required – tester automatically calculates pressure based on dolly size
- Inexpensive, single-use dollies eliminate cleaning for re-use and can be kept as a permanent record
- Each kit comes with everything needed for testing

Durable

- Environmentally sealed enclosure – weatherproof, dustproof and shockproof
- Can be used in any position
- Rugged carrying case
- Two year warranty

Accurate

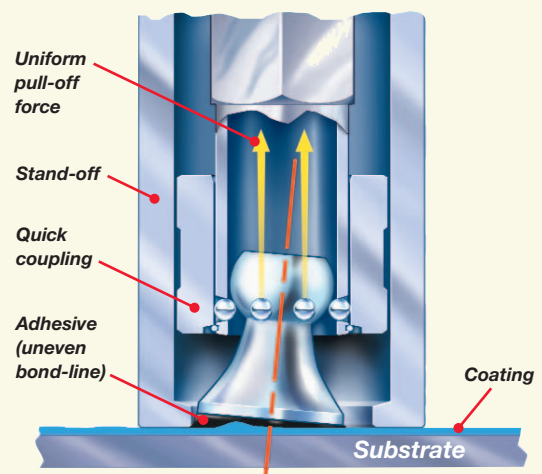
- Every PosiTest Adhesion Tester pressure system is calibrated and certified to $\pm 1\%$ accuracy using NIST traceable load cell
- Self-aligning aluminum dolly enables accurate measurements on smooth or uneven surfaces
- Hi-grade, industrial pressure sensor ensures continued accuracy
- Conforms to national and international standards including ASTM D4541/D7234, ISO 4624/16276-1, AS/NZS 1580.408.5 and others

Versatile

- Internal Memory stores maximum pull-off pressure, rate of pull, test duration and dolly size
- Optional PosiSoft® software available for downloading
- 10, 14, 20 or 50 mm dollies maximize capability and measurement resolution across a wide range of bond strengths
- LCD displays pressure value in psi or MPa

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.



PosiTest® **AT Manual** Adhesion Tester



AT Manual

- Heavy-duty manual hydraulic pump designed to apply smooth and continuous pull-off pressure with a single stroke
- Pull Rate Indicator to manually monitor and adjust the rate of pull
- Includes 2 AAA alkaline batteries

PosiTest® **AT-A Automatic** Adhesion Tester

- New electronically controlled hydraulic pump automatically applies smooth and continuous pull-off pressure at a user-specified rate
- Test with the simple push of a button. No twisting, pumping or cranking. No valves to close, needles to reset, or scales to adjust
- User selectable pull rates ensure compliance with international test methods for a variety of industries including metal, wood and concrete
- Built-in rechargeable batteries perform over 200 tests per charge. Continue testing with AC power while batteries recharge. Supplied with universal AC Adapter



AT-A Automatic
Rugged, portable instrument ideal for lab and field use

A detailed diagram of the LCD interface for the PosiTest AT-A Automatic Adhesion Tester. The interface features a large digital display showing '1457 psi'. Above the display are two horizontal scales: the top scale is labeled 'MPa/s' with values 0, 0.25, 0.5, 0.75, 1.0, 1.25; the bottom scale is labeled 'psi/s' with values 0, 50, 100, 150, 200. To the left of the display are several control buttons: 'psi/MPa', a dolly icon, a pull rate graph icon, a save icon, a green 'On/Start' button, and a red 'Off/Stop' button. Red lines with labels point to various features: 'Low battery indicator' (top left), 'Memory mode icon indicates readings are in memory' (top right), 'Select measurement units' (psi/MPa button), 'Select dolly size' (dolly icon), 'Select Pull Rate in accordance with international test methods' (pull rate graph icon), 'One-touch save feature stores and reviews readings in memory' (save icon), 'On/Start' (green button), 'Off/Stop' (red button), and 'Pull Rate indicator to easily set and monitor the specified rate of pull' (pointing to the scales). Below the display, the text 'PosiTest AT-A Automatic Adhesion Tester' is visible.