

PosiTest®

Pull-Off Adhesion Tester

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



IP65

**Available
in 2 models...**

Manual or Automatic



DeFelsko®
The Measure of Quality

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

AT-A Automatic



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

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 dolli sizes, change measurement units or store readings, with the touch of a button
- Conversion charts not required – tester automatically calculates pressure based on dolli 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 – meets or exceeds IP65
- Can be used in any position
- Rugged carrying case
- Two year warranty

Accurate

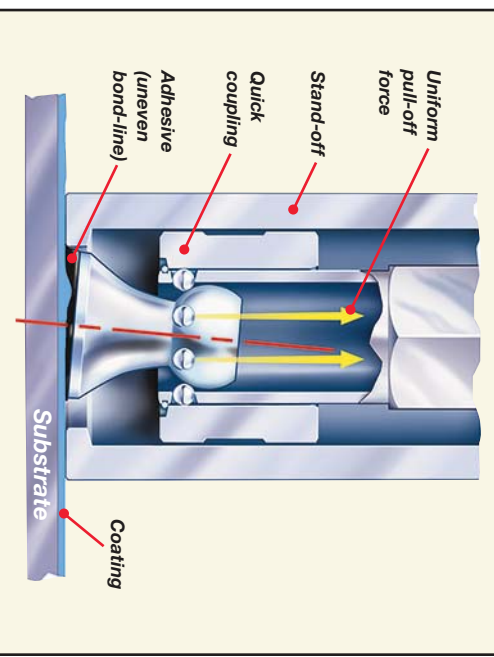
- Every PosiTest Adhesion Tester pressure system is calibrated and certified to $\pm 1\%$ accuracy using NIST traceable load cell
- Self-aligning aluminum dolli enables accurate measurements on smooth or uneven surfaces
- Hi-grade, industrial pressure sensor ensures continued accuracy
- Conforms to national 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 dolli size for up to 200 pulls
- 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 dolli head enable uniform distribution of the pulling force over the surface being tested, preventing a one-sided pull-off.



PosiTest® AT-M Manual Adhesion Tester



AT-M Manual

- Heavy-duty 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

PosiTest® AT-A Automatic Adhesion Tester

- 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

Low battery indicator

Memory mode icon indicates readings are in memory

Pull Rate indicator to easily set and monitor the specified rate of pull

Large, easy-to-read LCD displays pressure during measurement and holds maximum value

Select measurement units

Select dolly size

Select Pull Rate in accordance with international test methods

One-touch save feature stores and reviews readings in memory

On/Start

Off/Stop

psi/MPa

0 0.25 0.5 0.75 1.0 1.25 MPa/psi
0 50 100 150 200

PosiTest AT-A
Automatic Adhesion Tester

Specifications

Dolly Size (mm)*	20 mm
Resolution	1 psi (0.01 MPa)
Accuracy	± 1% Full Scale
Adhesion Strength**	0 – 3000 psi (0 – 20 MPa)

*Additional dolly sizes available to meet specific measuring needs – contact supplier for details. **Varies with dolly size

Both Kits include: Adhesion tester with digital display, built-in rechargeable NiMH batteries with charger, 20 mm aluminum test dollies (20), abrasive pad, cutting tool, adhesive with mixing sticks and palettes, cotton swabs, USB cable, downloadable PosiSoft Software, instruction booklet and video, Certificate of Calibration traceable to NIST, two-year warranty, and sturdy, lightweight carrying case

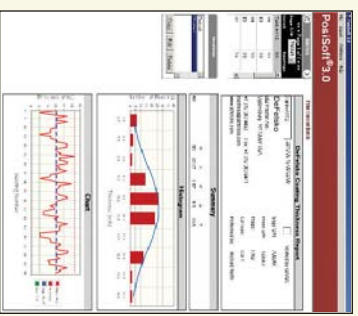


Kit Weight (with case): 13 lbs / 6 kg

Carrying Case Dimensions: L – 17 in / 43 cm x W – 13 in / 33 cm x H – 6 in / 15 cm

PosiSoft® 3.0 Desktop Software

- Import (download) measurement data via USB
- Customize reports by adding pictures, logos, screen captures, notes and more
- Measurement data is copied (imported) from the instrument to a user selectable location — ideal for storing and sharing data on a network or cloud drive
- Create custom layouts using a simple drag and drop Template Design toolbox;
- Downloaded data is stored in comma-separated text files which can be easily imported into supporting applications such as documents, spreadsheets and databases



FREE Download at www.defelsko.com/posisoft

Options

50 mm Accessory Kit

- Ideal for lower bond strength finishes such as coatings on wood, concrete and plastic
- Larger surface area of dolly provides improved low range precision and repeatability
- Range 0 – 500 psi (0 – 3.5 MPa)
- Includes 50 mm stand-off, 50 mm hole saw and 50 mm aluminum test dollies (12)



Dollies

- Additional supplies of 10, 14, 20 and 50 mm dollies



Drilling Template for 20 mm and 50 mm Dollies

- Drilling template and drill bits to isolate test area, ideal for thicker coatings on concrete

Adhesive Kit

- Additional adhesive, mixing sticks, palettes and cotton swabs

Defelsko®

The Measure of Quality

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