

## PosiTest AT Pull-Off Tester

The PosiTest AT Pull-Off tester measures the adhesion of coatings of metal, wood, concrete and other rigid substrates. The system uses its hydraulic pump to pull the dolly which has been glued to substrate and record the force applied when the failure happens. It is widely used in construction QA process as a time-saving and reliable method to ensure there is sufficient adhesion between the coating and substrate. The manufacturer DeFelsko has been one of the most leading supplier of coating testing and inspection instruments since 1965.

### All Models Feature...

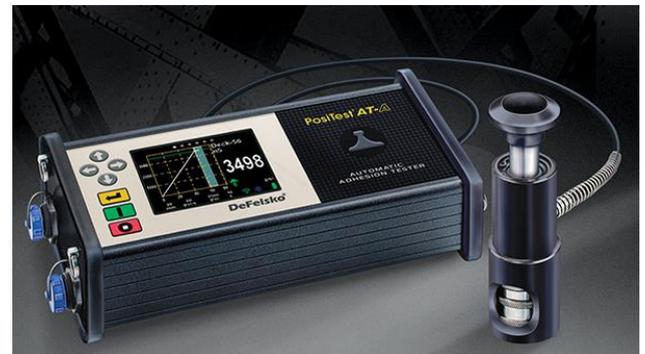
- Environmentally sealed enclosure- weatherproof, dustproof and shockproof- meets or exceeds IP65
- Inexpensive, single-use dollies eliminate cleaning for re-use and can be kept as a permanent record
- Conforms to international standards including ASTM D4541/D7234, ISO 4624/16276-1, AS/NZS 180.408.5 and others
- 10, 14, 20 or 50mm 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.

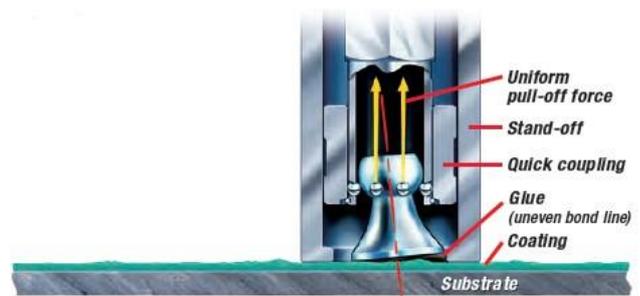
### All Kits Include:

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



## 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	



B4 #1 Layers: <input type="text" value="3"/>	
Cohesive%	Adhesive%
Glue: Y 15 <input type="text" value="0"/>	Y/Z Interface: <input type="text" value="20"/>
Layer 3: D <input type="text" value="0"/>	D/Y Interface: <input type="text" value="80"/>
Layer 2: C <input type="text" value="0"/>	C/D Interface: <input type="text" value="0"/>
Layer 1: B <input type="text" value="0"/>	B/C Interface: <input type="text" value="0"/>
Substrate: A <input type="text" value="0"/>	A/B Interface: <input type="text" value="0"/>
<input type="button" value="Done"/>	

## PosiTest AT Pull-Off Tester

### Manual and Automatic Modes

The systems are available in both Manual and Automatic modes.

#### 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

- Impact and scratch resistant colour touch screen with keypad for operation with or without gloves.
- 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
- Add images and notes using camera and keyboard
- Create customized, professional PDF reports
- Share, backup, synchronize and report measurement date
- Auto-pairing Bluetooth connection



### About PCTE

PCTE have over 30 years' experience in the measurement and testing of construction materials. PCTE can provide more than just the equipment, they can provide expert training. PCTE have a service centre in Sydney in which they can provide calibration, repairs and warranty repairs.

### Other Equipment

PCTE supply three main ranges: NDT, Lab and Geotech Instrumentation.

NDT includes: Rebound Hammers, Covermeters, Ultrasonics, GPR, Corrosion Testing, Coating Testing and Foundation Testing

Lab includes equipment for: Concrete, Cement, Aggregate, Soil, Asphalt and Metal

Geotech Instrumentation includes: Strain Gauges, Piezometers, Inclometers, Extensometers, Tiltmeters, Load Cells and Dataloggers