## PosiTest<sup>®</sup> AT Series Pull-Off Adhesion Testers

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













### PosiTest AT Series

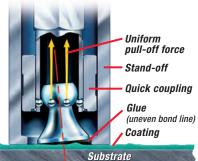
Measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure.

#### 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 ±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.



#### Orderina Guide

Manual Models	<b>ATM20</b> 0.7 - 20 MPa 100 - 3000 psi	<b>ATM50</b> 0.4 – 3.5 MPa 50 – 500 psi
Automatic Models	<b>ATA20</b> 0.7 - 24 MPa 100 - 3500 psi 100 - 7550 N	<b>ATA50</b> 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	± 1% Full Scale	

<sup>\*</sup>Optional 20 and 50 mm 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

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

needed for testing:

Adhesion Tester, built-in

Calibration traceable to NIST, two-year warranty, and sturdy, lightweight carrying case

only), Certificate of

#### Select Manual or Automatic...

#### PosiTest AT-M Manual

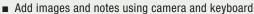
- Manual hydraulic pump designed to apply smooth and continuous pressure with a single stroke
- Pull Rate Indicator to manually monitor and adjust the rate of pull
- Internal memory stores maximum pull-off pressure, rate of pull, test duration and dolly size for up to 200 pulls
- Compatible with PosiSoft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





- Create customized, professional PDF reports
- Share, backup, synchronize and report measurement data
- Auto-pairing Bluetooth (BLE) connection





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)



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