

PosiTest® Pull-Off Adhesion Tester

Measures adhesion of coatings to metal, masonry and other substrates -

The **PosiTest Adhesion Tester** measures the force required to pull a specified test diameter of coating away from its substrate using hydraulic pressure. The pressure is displayed in both MPa and PSI on a precision dial indicator and can be related to the strength of adhesion to the substrate.

Easy-to-use

- Portable, hand-operated instrument can be used in any position and requires no external power source – ideal for the lab and on-site
- Large, easy-to-read scale (94 mm / 3.7 in. dia.)
- Inexpensive, single-use dollies eliminate the need for heating, cleaning or brushing for re-use.
- Each kit comes with everything needed for testing



Reliable

- Every PosiTest Adhesion Tester pressure system is calibrated and certified to $\pm 1\%$ accuracy (full scale) using NIST traceable load cell
- High-quality, precision dial indicator
- One year warranty
- Conforms with ASTM D4541, ISO 4624

Versatile

- Self-aligning dolly enables measurement on smooth or uneven surfaces without adversely affecting the test results
- Models available for measuring coating adhesion on any substrate
- 20mm dolly ideal for metal, plastic and wood substrates, 50mm dolly ideal for masonry substrates such as concrete, etc.
- Custom dolly sizes available to meet specific measuring needs – contact supplier for details
- Model AT-C includes unique drilling template for isolating the test area from the surrounding coating – enables testing of thick coatings
- Pressure dial reads in both MPa (metric) and PSI (inch)

Each Kit Includes:

- Hydraulic hand pump
- Actuator
- Aluminum test dollies
- Abrasive pad
- Cutting tool for 20mm dollies
(Models AT-P, AT-M and AT-CM only)
- Drilling template and 10 drill bits for thick coatings
(Models AT-C and AT-CM only)
- Adhesive
- Adhesive mixing sticks and palettes (5 each)
- Cotton swabs for adhesive compatibility test (5 each)
- Instruction booklet
- Certificate of Calibration showing traceability to NIST
- One-year warranty
- Sturdy, lightweight carrying case



Kit Weight and Dimensions:

Weight of Kit (with case)

Model AT-C – 18 lbs./8.1 kg

Model AT-P – 14 lbs./6.3 kg

Model AT-M – 14 lbs./6.3 kg

Model AT-CM – 19 lbs./8.6 kg

Carrying Case Dimensions

L – 19.0 in. / 48.3 cm

W – 7.5 in. / 19.0 cm

H – 14.5 in. / 36.8 cm

ORDERING GUIDE

Model	PosiTest #200-AT-C	PosiTest #200-AT-P	PosiTest #200-AT-M	PosiTest #200-AT-CM
Typical Application	Coatings on Concrete	Finishes on Plastic, Wood, Metal	Coatings on Metal	Coatings on Concrete and Metal
Adhesion Strength	0 - 500 PSI 0 - 3.5 MPa	0 - 1000 PSI 0 - 7 MPa	0 - 3100 PSI 0 - 21 MPa	
Resolution	3.2 PSI 0.03 MPa	10 PSI 0.1 MPa	20 PSI 0.2 MPa	Combination of Models AT-C and AT-M
Dolly Size (mm) [†]	50	20	20	

[†] Custom dolly sizes available to meet specific measuring needs - contact us for details

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