

PosiTest : Pull-Off Adhesion Tester

PosiTest Pull off adhesion tester is an DeFelsko, USA made characterization instrument to quantify the adhesion strength of various coatings to the variety of substrates.

System Specifications:

- Standards: In accordance to ASTM D 4541, ASTM D 7234, ISO 4624
- Self aligning dolly and the actuator system: uniform pull off force
- Measures adhesion strength in terms of MPa and psi
- Measurable adhesion strength : 0.7 MPa (100 psi) to 40 MPa (6000 psi)
- Accuracy : $\pm 1\%$ at full scale (calibrated with NIST certified load cell)
- Resolution: 1 psi (0.01 MPa)
- Display: digital

System capabilities:

- It's a destructive test
- Substrate/coating type: metallic/non-metallic
- Substrate size with coating : minimum 4 cms (dia)
- Internal memory stores data for 200 pull tests
- Data storage : pull pressure, pull rate, test duration and dolly size
- It's a very quick test (It takes time only in fixing the substrate and/or dolly to the coatings)

