

Kit Pull-off Positest

Hydraulic system for tear adherence tests on coating materials



Measures adhesion of coatings to metal, wood, concrete and other rigid substrates
Revolutionary self-alignment feature and pull rate indicator. **Conforms to national and international standards including ASTM D4541/D7234, ISO 4624/16276-1, AS/NZS 1580.408.5 and others.**

The PosiTest automatic features an electronically controlled hydraulic pump which automatically applies smooth and continuous pull-off pressure at a user-specified rate. The PosiTest manual features a heavy-duty manual hydraulic pump designed to apply smooth and continuous pull-off pressure with a single stroke.

Available in **2 models: Manual or Automatic.**

Simple

- Pull Rate Indicator allows operator to easily monitor and adjust the rate of pull in accordance with international test methods;
- Easily select dolly sizes, change measurement units or store readings, with the touch of a button;
- Conversion charts not required – tester automatically calculates pressure based on dolly 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 dolly 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 dolly size;
- Optional PosiSoft® software available for downloading;
- LCD displays pressure value in psi or MPa;
- 10, 14, 20 or 50 mm dollies maximize capability and measurement resolution across a wide range of bond strengths.

Technical features:

Conforms to national and international standards including **ASTM D4541/D7234, ISO 4624/16276-1, AS/NZS 1580.408.5 and others;**

Resolution	0,01 MPa (1 psi)
Accuracy	± 1% full scale
Range	0,7 to 20 MPa
Weight of Kit (with case)	5,5 kg
Carrying Case Dimensions	17cm X 13cm X 15 cm
Warranty	2 years

Automatic

- New 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;
- Rugged, portable instrument comes complete with convenient shoulder strap. Ideal for lab and field use.

Manual

- Heavy-duty manual hydraulic pump designed to apply smooth and continuous pull-off pressure with a single stroke;
- Pull Rate Indicator to manually monitor and adjust the rate of pull;
- Includes built-in NiMH batteries with charger.

PosiSoft for Windows® analysis software

- Displays pressure, rate, test duration and dolly size for up to 200 pulls;
- Calculates max, min, mean and standard deviation;
- Prints and displays basic charts and histograms;
- Real time graphing of individual pulls for a more detailed analysis of applied pressure over time (AT Manual only);
- Allows entry of notes and annotations;
- Exports to a document or spreadsheet;
- Multi-language support including English, German, Italian, Spanish and French;
- Includes USB cable;
- Free updates.

Accessories:

Both Kits include:

- Adhesion tester with digital display;
- No.10 aluminum test dollies Ø20mm (or Ø50mm);
- Cutting tool;
- Instruction booklet;
- Certificate of Calibration;
- Carrying case;
- Recharger/AC power supply.

Optional accessories

- 50 mm dollies Kit;
- Adhesive Kit.