

STANDARD: ISO 4624, ASTM D4541, ASTM D7234

It performs a pull-off test on a specific area of coating through hydraulic pressure. The pull-off force can be accurately displayed through a digital display and has two different unit options: MPa and psi. It is widely used to test the adhesion between different coatings in some concrete base coatings, anti-corrosion coatings or multi-coat systems.

FEATURES

- Portable design, built-in rechargeable lithium battery, no external power supply required, suitable for field and laboratory use;
- Equipped with Micro-USB interface, the stored test data can be copied directly after connecting to the computer without installing any software.
- Built-in clock, all saved data have corresponding test date and time, etc., which facilitates users to summarize and manage data;
- The pull-off dolly sizes provided for products with different bonding strengths are 10, 14, 20 and 50mm, which expands the function and resolution of the instrument;
- The instruments are calibrated with NIST traceable pressure sensors before leaving the factory, with an accuracy of $\pm 1\%$ of full scale.
- Internal storage of pull-off data, including maximum pull-off force, pull-off rate, test time and pull-off dolly size;
- The pull-off rate display makes it easier for the operator to observe and adjust the pull-off rate;
- Users can select the size of the pull-off unit and change the measurement unit or save the reading just by pressing the button;
- No conversion table is needed, the instrument automatically calculates the pull-off force according to the pull-off unit size;
- The pull-off unit uses low-cost and high-quality aluminum dollies that meet international standards. It does not need to be cleaned and reused, and can be used for long-term record keeping;
- The aluminum automatic centering pull-off unit ensures that the pull-off force applies on the test surface evenly when testing on smooth or uneven surfaces, preventing unilateral pull-off;
- Advanced industrial pressure sensors ensure continuity of accuracy;
- LCD display, with two units: MPa or psi.



TECHNICAL SPECIFICATIONS

Dolly size	20mm (standard); 10mm, 14mm, 50mm (optional)		
Resolution	0.01MPa(0.1psi)	Host dimensions	360 × 75 × 115mm (L x W x H)
Accuracy	$\pm 1\%$ full scale	Host weight	2.8kg
Pull-off strength	10m dolly 0-127.38Mpa 20mm dolly 0-31.84Mpa	14mm dolly 0-64.99MPa 50mm dolly 0-5.09MPa	
Power supply	Built-in rechargeable lithium battery and standard charging adapter		
Package	Host, 20mm aluminum dollies (20pcs), cutting tool, Micro-USB data cable, glue, product manual, carrying case.		

