

## AT101/1kN Adhesion tester

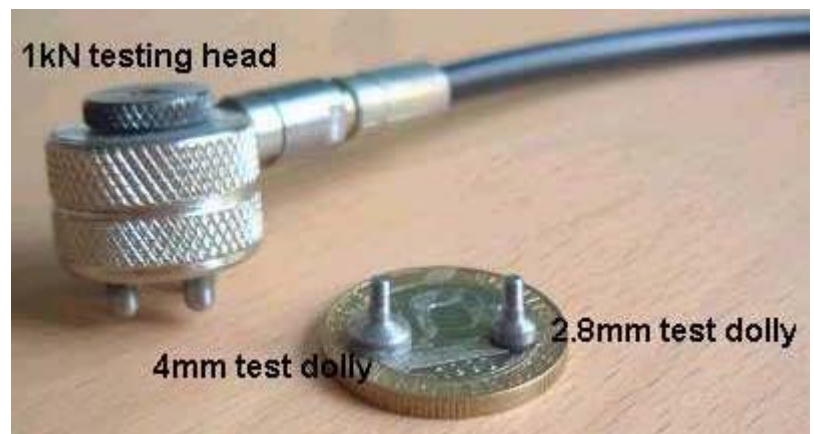
Automatic adhesion tester for testing with very small specimens and with very low pull force.



PAT MICRO adhesion testing is designed for testing in confined areas, particularly on small components of irregular and awkward shapes.



Testing coatings and bond strength on fragile or thin substrates and components where the overall pull force must be strictly limited.



Order # **123-AT101-1kN**

Price \$ Please request a quote.

## Description

- Portable and simple to use.
- Produces comparable test results both in the laboratory and on site.
- Precision gauge with both MPa (N/mm<sup>2</sup>) and p.s.i. reading.
- Simple layout of control panel.
- Rate of tensile force increase is infinitely variable between zero MPa/sec (standstill) up to maximum rate (the rate depends on the size test element used).
- 110/230V mains power. Battery power is an optional extra.
- **All AT101 adhesion testing machine models can have the data logging module built in when new or retro-fitted into existing units.**
- Testing of coatings on any shaped substrates, e.g. inside and outside pipe surfaces.
- Supplied in solid aluminum case.

TESTING RANGE				
Test element size (diameter mm)	Full Scale		Certified testing range	
	MPa	psi	MPa	psi
2.3	160	23200	136	19700
4	80	11600	68	9800
5.7	40	5800	34	4900

TECHNICAL DATA	
Maximum certified pull force	850 N
Accuracy	±1% of full scale
Power	110/230V AC
Battery	Optional
Hydraulic System Drive	Two-step servo motor
Weight complete in case	8.2 kg
Case Dimensions (WxLxH)	430 x 325 x 145mm / 17x13x6 inches
Complies with:	ISO 4924, EN24624, ASTM D4541, etc.

INCLUDED WITH STANDARD MODEL
<ul style="list-style-type: none"> <li>• Automatic hydraulic pump unit with control display</li> <li>• Hydraulic cable</li> <li>• PAT testing head 1kN</li> <li>• Adapter for mains power</li> <li>• Aluminum carry-case with protective interior</li> <li>• Calibration Certificate</li> </ul>