

GM04/40kN Adhesion Tester

With its 40kN pull force, this is the most powerful manual manual tensile adhesion tester in the range. It is designed for testing of thermal sprayed coatings on test panels, on the sprayed component or testing together with a jig in accordance with **ASTM-C633(two cylinders glued together)** designed particularly for testing with Ø50mm test elements and with the square 50 x 50 mm test element for adhesion testing of tile adhesives and other cementitious materials.



Description and Test Applications

- Portable and simple to use.
- Produces comparable test results both in the laboratory and on site.
- Precision gauge with both MPa (N/mm²) and p.s.i. reading
- Testing of coatings, concrete tensile strength, ceramic tile adhesives, road surface materials, linings.
- Testing of paints and thermal sprayed coatings using the Ø25mm (1 inch) test element.
- Supplied in solid portable aluminium case.

Order # **123-GM04/40kn**

Price \$ Please request a quote.

TESTING RANGE				
Test element size (diameter mm)	Full Scale		Certified testing range	
	MPa	psi	MPa	psi
70.7	10	1450	8.5	1230
50	20	2900	17	2400
25	80	11600	68	9800
50 x 50mm	15.7	2270	13.3	1930

TECHNICAL DATA	
Maximum pull force	40 kN
Maximum Certified pull force	34 kN
Accuracy	±1% of full scale
Weight complete in case	11 kg
Case Dimensions (WxLxH)	400 x 300 x 170mm / 16x12x7 inches
Complies with:	ISO 4924, EN24624, ASTM D4541, etc.

INCLUDED WITH STANDARD MODEL
<ul style="list-style-type: none">• PAT GM04/40kN hydraulic pull-force pump• Hydraulic cable• PAT testing head 40kN, steel• Threaded-type connection to test elements• Testing support platform• Threaded adaptor for Ø50mm Ø70.7 and 50x50mm test elements.• Aluminium carry-case with protective interior• Calibration Certificate