

elcometer® **1941 Pat GM04 Adhesion Tester – 20, 40kN**

Can be used in accordance with: **ISO 4624, ASTM D 4541, ASTM C 633, EN 1542**



A 20 or 40 kN manual hydraulic tensile adhesion tester for testing of coatings (including thermal sprayed coatings), on test panels, sprayed components.

Designed for testing with 50mm (2" diameter test elements and with the square 50 x 50mm test element for adhesion testing of tile adhesives and other cementitious materials.

The gauge, in conjunction with a test fixture, can also be used in accordance with ASTM-C633 (two test cylinders glued together).

- Portable and simple to use
- Produces comparable test results in the laboratory and on site
- Precision gauge with both MPa (N/mm²) and PSI reading
- Testing of coatings, concrete tensile strength, ceramic tile adhesives, road surface materials, linings

The Elcometer 1941 is supplied in an aluminium carry case, complete with a Calibration Certificate and:

- Hydraulic Pull-Force Pump
- Testing Head 20kN or 40kN (depending on gauge)
- Adaptor for 50mm, 70.7 and 50 x 50mm diameter elements.
- Quick Release Type Testing Head
- Testing Support Platform
- Hydraulic Cable

Technical Specifications

Maximum Certified Pull Force	Elcometer 1941/1: 17kN Elcometer 1941/2: 34kN
Weight Complete in Case	11kg
Accuracy	±1% of full scale
Case Dimensions	400 x 300 x 170mm

Part Numbers

Model	Description	Part Number
Elcometer 1941/1	Elcometer 1941/1 PAT™ GM04/20kN Adhesion Tester	K0001941M001
Elcometer 1941/2	Elcometer 1941/2 PAT™ GM04/40kN Adhesion Tester	K0001941M002

Accessories - Elcometer Test Elements

ELCOMETER PAT RANGE SELECTION GUIDE AND TEST ELEMENTS

Element Number	Test Element Diameter	Range		Range Values valid for the following Models	Part Number
		MPa	PSI		
TE001	2.3	160	23200	Elcometer 1930	KT001910P001
TE002	4	80	11600	Elcometer 1930	KT001910P002
TE003	5.7	40	5800	Elcometer 1930	KT001910P003
TE004	8.16	120	17400	Elcometer 1910, 1920/1, 1940	KT001910P004
TE005	14.1	40	5800	Elcometer 1910, 1920/1, 1940	KT001910P005
TE006	20	20	2900	Elcometer 1910, 1920/1, 1940	KT001910P006
TE007	25	40	5800	Elcometer 1920/1, 1940/1	KT001910P007
TE008	25	80	11600	Elcometer 1920/3, 1940/2	KT001910P008
TE009	25	160	23200	Elcometer 1920/4	KT001910P009
TE010	28.5	10	1450	Elcometer 1910, 1920/1, 1940	KT001910P010
TE011	40	5	725	Elcometer 1910, 1920/1, 1940	KT001910P011
TE012	50	3.2	460	Elcometer 1920/1, 1940	KT001910P012
TE013	50	10	1450	Elcometer 1920/2, 1941/1	KT001910P013
TE014	50	20	2900	Elcometer 1920/3, 1941/2	KT001910P014
TE015	50	40	7200	Elcometer 1920/4	KT001910P015
TE016	50 x 50	7.85	1140	Elcometer 1920/2, 1941/1	KT001910P016
TE017	50 x 50	15.7	2270	Elcometer 1920/3, 1941/2	KT001910P017
TE018	70.7	5	725	Elcometer 1920/2, 1941/1	KT001910P018
TE019	70.7	10	1450	Elcometer 1920/3, 1941/2	KT001910P019
TE020	70.7	20	2900	Elcometer 1920/4	KT001910P020

