

elcometer® **1940 Pat GM01 Adhesion Tester 6.3kN**

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



The most popular model in the Elcometer PAT™ tester range, a manual hydraulic tensile adhesion tester for measuring the bond strength of all types of paints, thermal sprayed coatings, thin films, concrete coatings, ceramics, etc.

- Portable, precision gauge with both MPa and PSI readings
- Accurate and comparable test results both in the laboratory and on site.
- Testing of coatings on any shaped substrates, e.g. inside and outside pipe surfaces.

The Elcometer 1940 is supplied in an aluminium carry case, complete with a Calibration Certificate and:

- PAT™ GM01/6.3kN Hydraulic Pull-Force Pump
- PAT™ Testing Head 6.3kN
- 5 Test Elements - 20mm Diameter
- HSS Cutting Tool for 20mm Diameter Test Elements
- Hydraulic Cable

Technical Specifications

Maximum Certified Pull Force	6.3kN
Weight of Tester	1250g
Accuracy	±1% of full scale
Case Dimensions	400 x 300 x 170mm

Part Number

Model	Description	Part Number
Elcometer 1940	Elcometer 1940 PAT™ GM01/6.3kN Adhesion Tester	K0001940M001

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



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