

elcometer® 110 Patti Pneumatic Adhesion Tester

Can be used in accordance with ASTM D451, BS EN 24624 and BS EN 22063



The Elcometer 110 PATTI®, manufactured by Elcometer, is a portable pneumatic adhesion tester complementing the current range of adhesion instruments from Elcometer.

Due to the controlled force being applied - through internal company air supplies or via air canisters, the resultant adhesion value is highly repeatable and provides the user with a true 1% adhesion value.

This quantitative result is shown on the digital display. The wide selection of pistons enable many different tests in various applications to be carried out.

The Elcometer 110 PATTI® and its use are protected under the US Patent No. 4567758

Features

- Simple to use
- Large LCD
- Piston selection up to 70 MPa, 10,000 psi
- 1% Accuracy
- Repeatable and Reproduceable

Specifications

The Elcometer 110 Pneumatic Adhesion Tester has a wide range of pistons - providing the user with a maximum adhesion test of 70MPa, 10,000 psi

With 1% Accuracy, this unit is perhaps the most accurate and repeatable adhesion gauge in the world.

Gas supply	Rechargeable internal reservoir
Power Supply	9V (PP3, 6F22)
Dimensions	Height: 100mm
(of Control module)	Width: 255mm
	Depth: 255mm
Weight	2.7kg without carry case
Carry Case	Padded nylon case with shoulder strap
Rate of Load Application	Adjustable up to 150 psi per seconds

Each unit comes complete with two pistons of your choice (except F-8/12). Please select the adhesion value piston most relevant to your application and order using the appropriate part number below.

Piston	Load Range		Piston Diameter		Complete Unit Part Number	Spare Piston Part Number
	MPa	psi	mm	inches		
F-1	0 - 3.4	0 - 500	44.5	1.75	F110---1	T11013400
F-2	0 - 6.9	0 - 1000	57	2.25	F110---2	T11013401
F-4	0 - 13.8	0 - 2000	76	3	F110---3	T11013402
F-8	0 - 27.6	0 - 4000	98	3.875	F110---4	T11013403
F-16	0 - 55.2	0 - 8000	127	5	F110---5	T11012404
F-20 (F8/ F12)	0 - 70	0 - 10000	146	5.75	F110---6	T11013405
Pull Stubs						T11013388
Araldite Epoxy Adhesive						T99912906

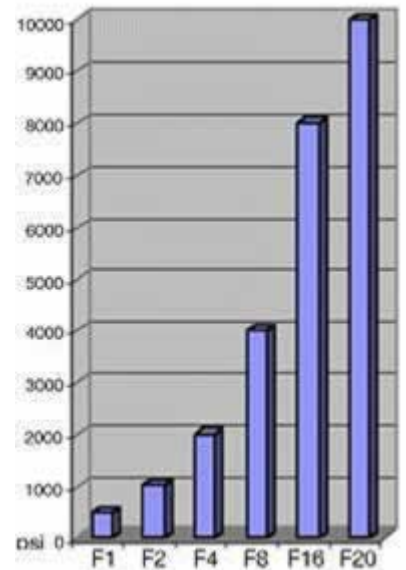
Shipping List

Unit, Piston (s), Connection Hoses, 25 Pull Stubs, 25 Cut Off Rings, Talcum Powder, Araldite, Jackplugs, CO₂ Cartridge Holder, PP3 Battery, Instruction Booklet, Carry Case

Test Method

The Elcometer 110 Pneumatic Adhesion Tester is easy to use and works on the simple principle of applying a controlled pneumatic force to a piston stub which has been glued to the coating to be tested.

Due to the controlled force being applied - through internal company air supplies or via air canisters, the resultant adhesion value is highly repeatable and provides the user with a true 1% adhesion value.



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