

Elcometer 108 Hydraulic Adhesion Tester

The Elcometer 108 Hydraulic Adhesion Tester is an extremely versatile Type III adhesion gauge which can be used for many adhesion requirements. Tests can be made on flat or curved (concave and convex) surfaces.

The Elcometer 108 is the ideal gauge for coatings on Tanks, Pipelines, etc.

- Hand-Powered and portable
- Ideal for site work
- Reusable stainless steel dollies

Elcometer Digital Adhesion Gauge features:

- Maximum hold - displays the highest value reached
- Backlit display for dark areas
- Rubber protective casing
- Switchable Metric/Imperial

The Elcometer 108 can be used with convex and concave dollies, making this the gauge for adhesion of coatings on all pipelines including those with small diameter, tanks and other curved surfaces. There is a wide range of curved dollies available, each designed for a specific range of curvature.



STANDARDS:

ASTM D 4541, ISO 16276-1, NF T30-606



Technical Specification

Part Number	Description	Certificate
UK 240V/EUR 220V US 110V		
F108---1D F108---1C	Elcometer 108/1 Hydraulic Adhesion Tester - Analogue Dial Gauge	○
F108---2D F108---2C	Elcometer 108/2 Hydraulic Adhesion Tester - Digital Gauge	○
Scale Range	Analogue: 0 - 25MPa (0 - 3600psi) Digital: 0 - 25MPa (0 - 3600psi)	
Operating Range	Analogue: 2 - 18MPa (290 - 2600psi) Digital: 2 - 18MPa (290 - 2600psi)	
Scale Resolution	Analogue: 1MPa (100psi) Digital: 0.1MPa (1psi)	
Analogue Instrument Accuracy	±1MPa Metric Scale; 150psi Imperial Scale	
Digital Instrument Accuracy	±3% or 0.4MPa (60psi) - whichever is the greater	
Dolly Size	Outside Diameter	19.4mm (0.76")
	Inside Diameter	3.7mm (0.15")
	Area	284mm ² (0.44sq inch)
Packing List	Elcometer 108, ABS carry case, 5 flat dollies, 5 nylon plugs, Cyanoacrylate Adhesive, dolly cleaning tool, 2x LR6 (AA batteries) (Digital gauge only) and operating instructions	

○ Calibration Certificate available.

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Accessories

T99911135	Cyanoacrylate Adhesive
T9999646-	Standard Flat Dolly 19.4mm (0.76")
T99923147	Dolly Cleaning Heating Tongs - EUR 220V / UK 240V
T99923103	Dolly Cleaning Heating Tongs - US 110V

Concave & Convex dollies are available upon request