

elcometer® **508 Push-Off Adhesion Tester**

Can be used in accordance with :
Type III in accordance with ASTM D 4541, ISO 16276-1, NF T30-606



The Elcometer 508 Push Off Adhesion Tester is an extremely versatile Type III* adhesion gauge which can be used for many adhesion testing requirements. Tests can be made on flat or curved (concave and convex) surfaces.

- Hand-held, ergonomic and fully portable - ideal for on-site adhesion testing
- Quick connect coupling for easy connection to the dolly
- Measurement range up to 25MPa (3630psi) with a full scale accuracy of $\pm 1.5\%$
- Rotating crank handle applies smooth loading from 0 up to 25MPa (3630psi)

Standard, convex and concave dollies can be used with the Elcometer 508, ideal for testing the adhesion of coatings on flat or curved surfaces such as pipelines and tanks.

Features

Powerful

- Suitable for use on flat, concave & convex surfaces
- Rugged & lightweight
- Smooth load application up to 25MPa (3630psi)

Flexible

- Easy to use hand-held design
- Ideal for field use on tanks & pipelines
- Reusable stainless steel dollies
- MPa / psi switchable

Durable

- Sealed, heavy duty & impact resistant
- Dust & waterproof equivalent to IP65
- Suitable for use in harsh environments

Accurate

- Measurement range up to 25MPa (3630psi)
- Full scale accuracy of $\pm 1.5\%$
- Maximum hold - displays the highest value reached



BAMR (Pty) Ltd, PO Box 23973, Claremont, 7735, South Africa
 Ph : 27 (0)21 683 2100, Fax : 27 (0)21 674 1485
 Email : sales@bamr.co.za, Web : www.bamr.co.za



The rubber protected backlit digital LCD displays the reading in MPa or psi. Maximum hold feature displays the highest value reached.



Flexible cable design allows the coupling to be positioned easily over the dolly. The pin is pushed through the centre against the substrate providing accurate repeatable results.



Supplied in a robust plastic carry case the kit includes the Elcometer 508 and five dollies which can be cleaned with the supplied heated tongs.

Technical Specifications

Part Number	Description	Certificate						
F508-DD	Elcometer 508 Digital Push Off Adhesion Tester	•						
Dolly Sizes	<table border="1"> <tr> <td>Outside Diameter</td> <td>19.4mm</td> </tr> <tr> <td>Inside Diameter</td> <td>3.7mm</td> </tr> <tr> <td>Area</td> <td>284mm²</td> </tr> </table>	Outside Diameter	19.4mm	Inside Diameter	3.7mm	Area	284mm ²	
Outside Diameter	19.4mm							
Inside Diameter	3.7mm							
Area	284mm ²							
Scale Range	0 -26MPa							
Operating Range	2-25MPa							
Scale Resolution	0.01MPa							
Accuracy	±1.5% of full scale							
Power Supply	2 x AA alkaline dry batteries (rechargeable batteries can be used)							
Weight	<table border="1"> <tr> <td>Gauge:</td> <td>1.7kg</td> </tr> <tr> <td>Kit:</td> <td>4.5kg</td> </tr> </table>	Gauge:	1.7kg	Kit:	4.5kg			
Gauge:	1.7kg							
Kit:	4.5kg							
Instrument Length	290mm							
Coupling Height	200mm							

Packing List

Elcometer 508 Push Off Adhesion Tester including :

- transit case
- 5 flat dollies
- 5 dolly plugs
- MC1500 quick curing adhesive
- dolly cleaning tool
- heating tongs
- 2 x LR6 (AA batteries)
- operating instructions
- calibration certificate

Accessories

Part Number	Description
T9999646-	Standard Flat Dolly (x1)
T99911135	Cyanoacrylate Adhesive
T99911136	Dolly Plug (x5)
T99914009	Dolly Cutter
-	Concave & Convex Dollies available upon request
T9994586-	Dolly Cleaning Tool
T99923147	Dolly Cleaning Heating Tongs

