

## Elcometer 6910/1 Setaflash 'Series 3' Closed Cup Tester



Closed Cup Tester

A wide range of features ensures ease of operation and requires minimum operator skill. Test parameters are set via the keypad and a digital display provides temperature, sample size, test time and flash detection status.

Default 'Auto' values are available for standard test conditions. The Elcometer 6910 Closed Cup Tester can test from ambient to 300°C (572°F). Temperature is factory calibrated but facilities for user verification and calibration are incorporated.

Flash Point is automatically detected using a thermally activated detector, reducing the risk of operator error and minimising the potential danger of inhaling fumes during a test. A rechargeable gas tank with On/Off switch and fine adjustment are integral to the unit. Supplied with a 2ml (0.067fl oz) syringe and ignitor.

To test below the ambient temperature, an optional cooling module, suitable for temperatures as low as 0°C (32°F), should be ordered.

## Elcometer 6910/2 Setaflash 'Series 3' Open Cup Tester



Open Cup Tester

The Elcometer 6910/2 Setaflash Series 3 Open Cup Tester offers the fastest and most accurate Flash Point instrument at a cost effective price.

Certain substances, classified as "flammable" by Closed Cup Flash Point Testing, may be reclassified as "non-flammable" by combustibility testing.

This has significant potential cost reduction implications for the packaging, storage and shipping of many materials.

The Elcometer 6910 Setaflash features an open cup for flash/no-flash finite determinations or sustained combustion tests, audible and on screen prompts and easy calibration. Flash Point tests can be conducted in less than two minutes with a temperature range from ambient to 300°C (572°F).

A manually operated flame sweeping arm is fitted to the cup and gas is supplied from the integral tank via the control valve. The flash or sustained combustion characteristics of the sample are observed visually by passing the test flame over the sample.

Can be used in accordance with:

### Closed Cup Tester

ASTM D 1655  
 ASTM D 3278  
 ASTM D 3828  
 ASTM D 3934  
 ASTM E 502  
 BS 3900-A11  
 BS 3900-A13

BS 3900-A14  
 BS 6664-3  
 BS 6664-4  
 EN 456  
 ISO 3679  
 ISO 3680

### Open Cup Tester

ASTM D 4206  
 BS 3900-A11  
 ISO 9038

*Standards in grey have been superseded but are still recognised in some industries.*

Technical Specification	Closed Cup Tester		Open Cup Tester	
<b>Sample Size and Temperature Range</b>	2ml (0.067fl oz) for Flash Points, from ambient up to 100°C (212°F) 4ml (0.135fl oz) for Flash Points between 100°C to 300°C (212°F to 572°F)			
<b>Test Time</b>	Between 1 and 30 minutes (user definable)		1 to 99 minutes	
<b>Default Values</b>	1 minute for Flash Points, from ambient up to 100°C (212°F) 2 minutes for Flash Points between 100°C to 300°C (212°F to 572°F)			
<b>Cup Material</b>	Aluminium			
<b>Dimensions</b>	256 x 280 x 256mm (10.1 x 11.0 x 10.8")			
<b>Weight</b>	4kg (8.8lb)			
<b>Part Number</b>	<a href="#">K0UK6910M010</a>	UK 240V	<a href="#">K0UK6910M011</a>	UK 240V
	<a href="#">K0006910M010</a>	EUR 220V	<a href="#">K0006910M011</a>	EUR 220V
	<a href="#">K0US6910M010</a>	US 110V	<a href="#">K0US6910M011</a>	US 110V
<b>Packing List</b>	Elcometer 6910 Setaflash 'Series 3' closed cup tester, 2ml (0.067fl oz) syringe, gas canister and ignitor, silicone rubber tubing for gas canister to gas jet connection, silicone sample well 'O' ring seal for cup/lid (red coloured), viton sample well 'O' ring seal for cup/lid (black coloured), mains power cable, automatic flash detector probe, Series 3 manuals (on CD) and operating instructions		Elcometer 6910 Setaflash 'Series 3' open cup tester, 2ml (0.067fl oz) syringe, gas canister and ignitor, silicone rubber tubing for gas canister to gas jet connection, silicone sample well 'O' ring seal for cup/lid (red coloured), viton sample well 'O' ring seal for cup/lid (black coloured), mains power cable, automatic flash detector probe, Series 3 manuals (on CD) and operating instructions	

ACCESSORIES – CLOSED CUP TESTER	
Cooling Module Option for 0°C - Ambient Temperature (32°F - Ambient Temperature)	<a href="#">KT006910N001</a>