

17<sup>th</sup> March 2009

## KARTELL - DISPOSABLE PLASTIC CUVETTES

Standard and semi-micro disposable cuvettes for spectroscopy made of Optical Polystyrene (OPS) and Optical Polymethylmethacrylate (PMMA UV grade), with optical windows for optimum transmittance through spectrum range from 340 to 800nm (OPS) and from 280 to 800nm (PMMA UV Grade). All cuvettes have a path length of 10mm.

### Macro Cuvettes

PART NO	CAPACITY	PATH LENGTH	DEFINITION	TYPE	MATERIAL
1937	4.5 ml	10 mm	Visible	Standard	OPS
1960	4.5 ml	10 mm	Visible	4 clear sides	OPS
1939	4.5 ml	10 mm	U/V	Standard	PMMA
1961	4.5 ml	10 mm	U/V	4 clear sides	PMMA

### Semi Micro Cuvettes

PART NO	CAPACITY	PATH LENGTH	DEFINITION	TYPE	MATERIAL
1938	1.5 ml	10 mm	Visible	High Form	OPS
1940	2.5 ml	10 mm	Visible	Low Form	OPS
1948	1.5 ml	10 mm	U/V	High Form	PMMA
1941	2.5 ml	10 mm	U/V	Low Form	PMMA

**The Macro Family** – (Kartell 1937, 1960, 1939, 1961). The 1937 & 1939 cuvettes have two optical faces bordered by two ribbed or handling sides, and would be the choice for multiple measurement analysis, as the optical faces are well defined. The 1960 & 1961 cuvettes are clear on all four sides and are suitable for single measurements but can also be used for multiple analysis. The Macro ranges of cuvettes all have a capacity of 4.5ml.

**The Semi Micro Family** – (Kartell 1938, 1940, 1948, 1941). The 1938 & 1948 cuvettes are a high form cuvette, which have an optical face, approximately 30mm high and a square cut base to give extra stability. The high form reduces the capacity of the cuvette to 1.5ml and would be helpful when only small quantities of a sample are available. The 1940 & 1941 cuvettes have a larger capacity of 2.5ml with an optical face approximately 20mm high, which is sufficient for all spectrophotometers. All of the Semi Micro range have a 10mm round filling port for easy filling and can be stoppered when using volatile material.

Kartell's cuvettes are manufactured on fully automated machines, working in dust free chambers, where the cuvettes are produced and packed. The manufacture of Kartell cuvettes are strictly controlled and variations should be within the range +/- 1% absorption. This is very important when batch analysis is being done.

For more information visit [www.kartell.com.au](http://www.kartell.com.au)

