



Disposable plastic cuvettes



The Kartell range of disposable plastic cuvettes includes standard and semi-micro cuvettes for spectroscopy, made of optical polystyrene (OPS) and optical polymethylmethacrylate (PMMA UV grade).

The cuvettes feature optical windows for optimum transmittance through spectrum ranges 340 to 800 nm (OPS) and 280 to 800 nm (PMMA UV grade). All cuvettes have a path length of 10 mm.

The 1937 and 1939 macro cuvettes, with two optical faces bordered by two ribbed or handling sides, are suitable for multiple measurement analysis as the optical faces are well defined.

The 1960 and 1961 macro cuvettes are clear on all four sides and are suitable for single measurements but can also be used for multiple analysis. The macro cuvettes all have a capacity of 4.5 mL.

The 1938 and 1948 semi-micro cuvettes have an optical face approximately 30 mm high and a square cut base to give extra stability. The high form reduces the capacity of the cuvette to 1.5 mL.

The 1940 and 1941 semi-micro cuvettes have a larger capacity of 2.5 mL with an optical face approximately 20 mm high. All of the semi-micro cuvettes have a 10 mm round filling port for easy filling and can be stoppered when using volatile material.

The manufacture of Kartell cuvettes is claimed to be strictly controlled with variations within the range $\pm 1\%$ absorption.

Seiper & Co Pty Ltd

PO Box 6724, Silverwater 1811

For detailed information on this item enter G105 on the FaxForm or use SpeedEmail.

Tribology cell

A measuring cell has been developed for testing the tribological behaviour of bearing materials with Haake Mars, RheoStress 6000 and other predecessor rheometers with a normal force sensor.

The tribology cell consists of a lower and an upper part. Both are made of stainless steel. The lower measuring geometry is designed as a reservoir.

Measurement of the friction of bearing materials with and without lubricant can be performed. To measure the influence of a lubricant, the reservoir can be filled with the lubricant to be tested.

The upper measuring geometry is equipped with a flexible shaft that ensures the concentric position of a ball with a diameter of 1.27 cm in the measuring cell. Usually steel bearing balls are used, but other materials like ceramic are also possible.

To facilitate performing every test with a fresh ball as recommended, replacing the ball is a quick, simplified process.

For temperature-dependent tests between -40 and $+200$ °C, the lower measuring geometry can be adapted to a modified measuring plate cover for a peltier temperature control unit.

Rheology Solutions Pty Ltd

PO Box 754, Bacchus Marsh 3340

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