

## BENSON VISCOMETERS

Benson Viscometers specializes in producing laboratory instruments for the measurement of the viscosity of fluids.

Based in various locations across the UK, Benson Viscometers pride themselves on the quality and support of their systems.

Customer support starts with the tools and materials available with each system including software assisted guidance documentation and a maintenance tool kit as well as engineer calls on site.

Viscometers for

**HOSPITAL LABORATORIES**

**SPECIALIST CLINICS**

**MEDICAL GROUP PRACTICES**

### Clinical References

1. Lowe, GDO ( 1994); Should Plasma Viscosity replace the ESR? *British Journal of Haematology*. 86: 6-11.
2. Gudmundsson M, Nordborg E, Bengtsson B-A, Bjelle A. Plasma viscosity in giant cell arteritis as a predictor of disease activity. *Ann Rheum Dis* 1993; 52: 104-9.
3. Harkness J. The viscosity of human blood plasma; its measurement in health and disease. *Biorheology*. 1971 Dec;8(3):171-193

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BV1

## SINGLE-SAMPLE PLASMA VISCOMETER

*Benson Viscometers*



TEL: +44(0)1646 650065

# BV1 SINGLE-SAMPLE PLASMA VISCOSIMETER

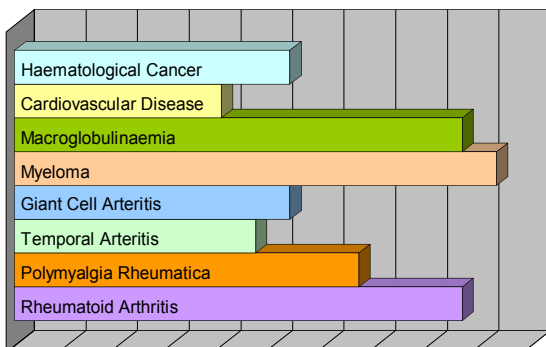
## BENSON VISCOSIMETERS

Benson Viscometers is the leading plasma viscometer supplier in the UK and Ireland, with over 50 Benson Viscometers used by hospitals to screen and monitor patients.

It is especially valuable in conditions such as Myeloma, Macroglobulinaemia, Rheumatoid Arthritis and Polymyalgia Rheumatica.

Plasma Viscosities are unaffected by patient anaemia or by polycythaemia and patient monitoring is not influenced by drugs such as Salicylates and Steroids

Benson Viscometers is the manufacturer of choice for plasma viscometers to screen all inflammatory conditions



PV Market Survey 2007

## 1 TO 50 PLASMA SAMPLES

The BV1 has been designed to suit the testing requirement for 1 to 50 samples a day. It is ideal for the pathology laboratory, medical group practice or speciality clinic looking for immediate results.

## SEMI-AUTOMATED

For the busy laboratory, a semi-automated system saves time and eliminates many manual errors. The time of test bar code facility, 'through the sealed cap' sample aspiration and computerised results transmission removes the dependency on senior laboratory personnel.

## THE IDEAL SAMPLE

With the Benson BV1 there is no need to take additional blood samples; the plasma viscosity measurement can be performed on the same blood collection tubes used for full blood count. It is ideal for paediatrics and adults since it uses only 80 micro litres of plasma. Additionally since plasma viscosity is unaffected by time-induced deterioration, samples can be analysed up to one week after venesection.



## KEY FEATURES

- Fast turn-around
- Direct sampling from primary blood tubes
- Eliminates the need for additional samples
- Uses only 80 micro-litres of plasma
- Suitable for Paediatrics and Adults
- Accommodates all leading blood collection tubes
- Barcode reading at time of test
- Calibration and checks
- Automated cleaning between every sample
- Tests at 37°C, reports at 25°C and 37°C
- Stand-alone or interfaced to a network (LIMS)

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