

Viscosity

Digital Standard Tar / Efflux Viscometer

UTAS-0200

The Digital Standard Tar / Efflux Viscometer is used to measure viscosity of cutback fluxed bituminous binders and bituminous emulsions. The Viscometer is supplied complete with a tank, which is fitted with a thermostat, rheostat, an agitator, an immersion heater which is used to heat the water to the required temperature and a cooling coil which is used to connect to the water supply. A thermometer capable of measuring in the 0-45°C range is used to observe the temperature.

The UTAS-0200 is supplied with a metal cup cover with stopper holder. Cups, thermometers and 100ml cylinder with graduation at 20 ml, 25 ml and 75 ml should be ordered separately.

The cup sizes required differ according to different standards:

- EN: 2, 4 and 10 mm dia.
- BS: 10 mm dia.
- IP/NF: 10 and 4 mm dia.

Digital Engler Viscometer

UTAS-0250

The UTAS-0250 Digital Engler Viscometer can be used to measure the viscosity of tars and their fluid products. The machine comes complete with a contact thermo-regulator and a stirring device.

Saybolt Two-Tube Digital Viscometer

UTAS-0300

The UTAS-0300 Saybolt Viscometer is used to determine empirical measurement of Saybolt Viscosity of petroleum products at specified temperatures.

The UTAS-0300 can be used with temperatures between 21 to 99°C (70 to 210 °F).

The Viscosity Thermometer set includes 6 thermometers, where each thermometer with 0.1°C subdivisions, with the following temperature ranges:

- 19 to 27°C
- 34 to 42°C
- 49 to 57°C
- 57 to 65°C
- 79 to 87°C (250 mm length)
- 95 to 103°C

Filter funnel, withdrawal tube and thermometer set should be ordered separately.



UTAS-0300 supplied with:

- Universal Orifice
- Furol Orifice
- Thermometer Support
- Heat Transfer Oil, 5 lt
- Key



UTAS-0200



UTAS-0250

About PCTE

PCTE have over 30 years' experience in the measurement and testing of construction materials. PCTE can provide more than just the equipment, they can provide expert training. PCTE have a service centre in Sydney in which they can provide calibration, repairs and warranty repairs.

Other Equipment

PCTE supply three main ranges: NDT, Lab and Geotech Instrumentation.

NDT includes: Rebound Hammers, Covermeters, Ultrasonics, GPR, Corrosion Testing, Coating Testing and Foundation Testing

Lab includes equipment for: Concrete, Cement, Aggregate, Soil, Asphalt and Metal

Geotech Instrumentation includes: Strain Gauges, Piezometers, Inclometers, Extensometers, Tiltmeters, Load Cells and Dataloggers