

New product showcase



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The new patent pending JETVISC analyzer for aviation fuels is already proving itself in laboratories around the world.

The RHEOTEK JETVISC fully automates the kinematic viscosity determination of aviation turbine fuels as specified in ASTM D1655 in full compliance with ASTM D445.

The self contained analyzer includes a user friendly color touchscreen, sub-zero viscometer bath cell as well as internal cooling. With a temperature range of -40 to +40°C, the instrument is suitable for measuring jet fuels, lubricants, brake fluid, transformer oils as well as diesels.



The outer casing of the RHEOTEK JETVISC is manufactured from stainless steel

Within the automatic analyzer, the JETVISC uses an ASTM Ubbelohde viscometer tube for flow time measurements.

In the design of the instrument, the development team at PSL (manufacturers of RHEOTEK viscometers) has adhered to all the steps set out in ASTM D445, including the drawing up of the sample prior to lowering the temperature. Following the test, the viscometer tube is cleaned & dried in situ. Vitally important for sub-zero measurements, the JETVISC employs a desiccant to dry air within the viscometer tube prior to measurement.

The JETVISC is available in a number of single and dual bath configurations. Also, by using an external chiller, ultra low measurements can be made to -60°C for special applications.

RHEOTEK USA will be pleased to discuss further with you the unique features of the RHEOTEK JETVISC and how we can automate your low temperature viscosity measurements in compliance with ASTM D445.