

Since 1972

SOFRASER

Leader in Process Viscometry



New on-line analyzer able to directly monitor kinematic viscosity at reference temperature

Sofraser's (France) Thermoset-KV is a powerful online analyzer specially designed to directly measure kinematic viscosity at reference temperature. The measurement principle is based on the vibration at resonance frequency technology developed and patented by Sofraser in 1981. The active part of the measurement is a vibrating rod driven by constant electrical power. The amplitude and the frequency vary according to kinematic viscosity.

Compared to other technologies available on the market, the Thermoset-KV is the only analyzer able to directly monitor kinematic viscosity and to provide measures in cSt (up to 500 cSt). Matched with 9731 electronics, the analyzer provides an intuitive interface (touchscreen display, virtual keyboard).

With its hazardous area approved design, the Thermoset-KV is really simple to install close to the main process flow line, directly on an existing secondary sampling loop or even on a fast loop. Designed to prevent clogging, it requires minimal extra-installation. The analyzer uses a flow-cell that is maintained at reference temperature and in which the product flows along the sensor. Direct kinematic viscosity is then measured in real time on the same product, at the same time and with the same instrument.

In compliance with Oil & Gas industries requirements, the Sofraser's viscosity analyzer is directly correlated to ASTM D445. It affords efficient analysis and monitoring of a single control point (one target viscosity point at one reference temperature) while maximizing return on investment.

Sofraser's Thermoset-KV is specially designed for kinematic viscosity at reference temperature monitoring of various petroleum products such as crude oils, heavy and light fuel blends, visbreaking etc. Through its various models of analyzers, Sofraser offers a solution for any application.

For more information or contacting us, please visit our website on www.sofraser.com.

SOFRASER

ZI, 15 rue Nobel
45700 Villemandeur - France

info@sofraser.com - www.sofraser.com

+33 (0) 238 85 77 12 - Fax +33 (0) 238 85 99 65