Sofraser expands its MIVI viscometer capabilities

High temperature, high pressure, and corrosion resistant viscometers

France (July 12, 2011) - With new, high-pressure capabilities working up to 500 bar, Sofraser continues to broaden the application field of its MIVI viscometer, which technology is a rod vibrating at resonance frequency.

Used by many process industries, the MIVI sensor combines technological expertise with elevated performance features. The standard MIVI sensor is regularly used for continuous product measurement from less than 2 mPa.s and up to 1 000 000 mPa.s. in process conditions up to 300°C and 150 bar.

In order to address increasingly drastic requirements in all application fields, Sofraser proposes the high-pressure MIVI sensor that works up to 500 bar. Extremely high pressures represent even more interest to Sofraser, as they are developing a technological feature that will obtain reliable viscosity measurements at pressures up to 1500 bar. Performance such as this is especially useful in drilling applications.

Thanks to its thin vibrating rod immersed in a small-volume measuring chamber (less than 15 ml), the sensor is capable of handling expensive or rare samples. The MIVI sensor can be used for small batches as well as lab-scale experiments.

It is also suitable for process installations and can be mounted either in-line, on-line, or on reactor. The MIVI is available with Exproof ATEX agreement for use in explosive areas and with Hastelloy® wetted parts for corrosive products. Even in the most severe environments, the MIVI remains rugged, robust, and reliable.

Combined with the new range of electronic devices (9600 series of viscosity and temperature processors, 9610 multi-sensor processor, and 9200 transmitter), the MIVI's high-capability features are engineered to provide the best results in terms of production efficiency.

About Sofraser

Sofraser is the only 30+ year fluid specialist and is the inventor of the vibrating-type viscometer at resonance frequency. Patented in 1981, it is now widely considered the most reliable in-process instrumentation. For more information on our products and to access our expertise, visit our website www.sofraser.com or contact us at instruments@sofraser.com.

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