


Process photometers and other products with unique features

 The Sigrist ColorPlus light absorption measuring instrument features a unique design that allows the measuring cell to slide forward, allowing easy access for maintenance and calibration checks without having to disrupt process flow. Sigrist offers two versions of the ColorPlus instrument, one designed for potentially explosive areas, and one for non-explosive areas. Both instruments are built to accommodate up to three different light sources in the ultraviolet (UV) and visible ranges.

ColorPlus instruments are suitable for a range of applications, including UV absorption measurement, color measurement, concentration measurement of electrolytes and monitoring of dyeing and decolorizing processes.



Sigrist's Willy Schuldt and Ulrike Katzenberger

At Sigrist's booth, the company is also featuring the OilGuard Ex, an online monitor that detects oil traces in water using the fluorescence principle, in which the aromatic constituents of mineral oil radiate visible light when illuminated by UV light.

"One of the key problems for oil-trace analysis is contamination of the instrument," explains Willy Schuldt, director of marketing and sales at Sigrist. The OilGuard offers "true non-contact measurement," known as the free-fall method, that allows users to measure ultraviolet fluorescence without the threat of contamination.

Schuldt comments that his company is focused on high-quality instruments for special application requirements where accurate measurement is critical. "For us, total cost of ownership is important," Schuldt explains. Sigrist's instruments, which are developed and manufactured in Switzerland, can help customers realize long-term cost savings, he says.

In addition to the previously mentioned instruments, Sigrist is also showcasing the TurBiScat, an inline turbidity monitor that can be used in filtration monitoring, monitoring of centrifuges, separators and whirlpools in the beverage industry, as well as turbidity measurements in oils and sugar solutions and for purity control. *sj*

★ **Sigrist Photometer AG,**
Hall 11.1, Stand A4