ABB introduces TALYS ASP400 series, a new refinery and petrochemical process analyzer

Measuring what matters to industry and people when it comes to safety, efficiency and productivity

(Québec, November 5, 2015) – ABB, a world leader in energy and automation technologies, launches the new TALYS ASP400 series, a simple, robust single-point fiber optics based industrial FT-NIR analyzer designed for real-time monitoring of refinery and petrochemical process streams. This online analyzer allows determination of stream qualities or physical properties, process characterization and early troubleshooting.

The TALYS ASP400 series is offered in two configurations. One is the ASP400 base analyzer unit designated for safe area location and the other is the ASP400-Ex unit which may be placed directly in hazardous classified areas as Zone 1 (category 2) or Class 1 Div 1. The process analyzer is suitable for a wide range of refinery process monitoring applications including naphtha conversion units such as catalytic reforming, isomerization, naphtha hydro-treating and steam-cracking as well as applications in HF alkylation, gasoline blending and LPG.

With its small footprint and embedded controller (no analyzer PC required), this process analyzer is really simple to install. In addition, TALYS supports a variety of detectors to ensure optimal analytical performance (sensitivity and spectral range) tailored to application needs.

The TALYS ASP400 series will shorten project timelines by enabling efficient calibration development, improve return-on-investment by minimizing installation and integration costs and capture low costs of ownership with minimal spares holdings and extended maintenance intervals. This new generation of analyzer captures over 30 years of expertise in process spectroscopy implementation by ABB in close partnership with its customers.

About ABB

ABB’s Measurement & Analytics business unit is among the world’s leading manufacturers and suppliers of instrumentation and analyzers. With thousands of experts around the world and high-performance technology, ABB’s team is dedicated to making measurement easy for its customers.
ABB (www.abb.com) is a leader in energy and automation technologies, allowing public services as well as industry, transport and infrastructure clients to improve their performance while reducing their impact on the environment. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

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