Applied Instrument Technologies Introduces the ANALECT® RefinIR™ Analyzer

Upland, CA, (September 1, 2015) Applied Instrument Technologies, Inc. (AIT), a leading manufacturer of multi-component process analyzers, has announced the introduction of the all new ANALECT® RefinIR™ system. This system represents the next generation in lab automation and process development for the refining industry.

The RefinIR is a fully integrated laboratory autosampler and FTIR instrument. It delivers automated spectral data acquisition of multiple liquid stream samples with the touch of a button. The system is designed to advance productivity for our customers processing 24 samples unattended. It can operate at temperatures up to 125° C enhancing its ability to flow even the heaviest crudes.

"The ANALECT RefinIR changes the dynamics of hydrocarbon analysis.” said Joseph LaConte, President of AIT. "The analyzer delivers an all in one approach measuring gasoline, diesel and crude oils in a single system.”

AIT’s SpectraSuite™ software platform integrates SpectraQ™ for data acquisition with SpectraQuant™ for full chemometric modeling capability. Models developed on the RefinIR are easily called within the SpectraRTS run time environment in our on-line ANALECT Hydrocarbon SmartSystem® process analyzer.

"Leading refinery companies utilizing process analytical tools continue to look for advanced measurement solutions, particularly with crude oil.” said Robert Hegger, Vice President for AIT. "This analyzer utilizes our proprietary XCORR™ protocol to provide seamless transfer of models to our on-line systems for real-time analysis in fuels blending. Our systems provide significant economic benefit to customers by reducing octane giveaway and facilitating once through processing.”

AIT is a leading manufacturer of process analyzers celebrating 20 years of operating history. Based in Southern California, AIT’s products are used worldwide in the refining, chemical, petrochemical, pharmaceutical, steel and general manufacturing industries. Products for both online and lab solutions include process spectrometers using ANALECT® FTIR/FT-NIR, PIONIR® dispersive NIR, RPM® Raman, MGA™ Mass spectrometers and FXI® process gas chromatographs for compositional analysis.

To learn more about the new ANALECT® RefinIR™ and AIT, visit us on the web at: www.AITanalyzers.com

Press Contact AIT:
Robert Hegger 909 204-3700
ait@AITanalyzers.com