



Press Release

For Immediate Release

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PAC's MicroDist Now Includes Density Analysis for Cetane Index

Receive Real-time Distillation, Density, and Cetane Index with a Single Analyzer

Houston, TX., USA – July 2, 2013 – PAC, a leading global provider of advanced analytical instruments for laboratories and online process applications, recently released its latest version of the MicroDist, the most advanced online distillation analyzer on the market. Its unique technology provides complete and accurate distillation and density analysis in a single instrument. With the new density analysis, the applications for the MicroDist are expanded, including calculating the Cetane Index for diesel fuel process streams and intermediate blends according to ASTM D4737 and D976.

With complete distillation results in less than 10 minutes that correlate to ASTM D86, the MicroDist enables refineries to make quick and accurate decisions to continuously control the process and increase profitability. With this instrument, refineries are able to maximize production with cut point optimization of the crude oil; increasing T90% by 1°C may result in .5% to 1% additional diesel production, which can, depending on production levels, increase profits up to \$1 Million.

"Refining business complexity keeps increasing, making timely decisions even more important to drive improved profitability for our customers," said Daniel Benitez, PAC Vice-President of Process Analytics. "Recognizing this challenge, the expanded analytical capability of the MicroDist supports process plant optimization and reduces product quality giveaway."

About PAC

PAC is a leading global provider of advanced analytical instruments for laboratories and online process applications in industries such as refinery, petrochemical, biofuels, environmental, food & beverage, and pharmaceutical. To provide its customers with cutting edge technology, PAC leverages significant R&D resources to support its core technologies, including chromatography, elemental analysis, physical properties, and fuels composition. PAC's product portfolio includes leading product lines with long histories of developing innovative instrumentation: AC Analytical Controls, Antek, Alcor, Cambridge Viscosity, PetroSpec, PSPI, ISL and Walter Herzog. For more information, visit www.pacip.com, or contact the company's headquarters at 8824 Fallbrook Dr., Houston, Texas 77064, Tel. (U.S.) 800.444.TEST, or +281.940.1803.

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Supplements for Press:

- Product Image – [MicroDist Online Distillation Analyzer](#)