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LT Industries Introduces Polymer Process Analyzer

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LT Industries has released a Near Infrared (NIR) Process Analyzer designed to meet polymer production and quality testing needs worldwide.

The **IsoChem Polymer Process Analyzer** draws on LT Industries' experience developing quality control measurement solutions for the chemical and plastics industries. It is designed for real-time online process monitoring, with high temperature/pressure probes and protective enclosures where required.

The Analyzer can measure several key properties including molecular weight, concentrations, reaction progress, moisture, viscosity, hydroxyl number, copolymer ratios, monomers, crosslinking, density, film & sheet thickness and more. The new product has improved sensitivity, which has expanded the measurements that LT-NIR can perform.



Up to 20 process points can be monitored simultaneously and integrated into existing control systems via standard communication protocols such as Modbus or 4-20mA. Included with each Analyzer are software modules for seamless integration and result reporting.

Online NIR analysis is used to monitor and control key chemical usage, optimize residence times, inspect quality and make real-time adjustments to changing process conditions.

Portable, bench-top analyzers are also available from LT-NIR to perform at line or laboratory analysis of raw materials, intermediaries and final products.

More information can be found at: <http://www.ltindustries.com/appspolymer>

For over 30 years, LT Industries has been a manufacturer of process and laboratory analyzers for the oil, fuels, chemical, food, beverage, and pharmaceutical industries. The company's analyzers, probes, software, and enclosures are part of a complete analysis solution that is tailored to customers' specific process needs.