



Novatec Introduces DryerGenie, a Groundbreaking AI-Powered System Redefining Resin Drying

Baltimore, MD – In what is being hailed as one of the most significant advancements in resin drying, Novatec, Inc. proudly unveils the DryerGenie, a revolutionary system that ends the age-old reliance on guesswork in the drying process. By incorporating real-time, AI-powered resin moisture sensing technology, DryerGenie guarantees your resin is dried perfectly every time, in the shortest time possible and with the least amount of energy consumed. Its ability to accurately assess the resin's initial moisture content and adjust the drying process accordingly marks a paradigm shift in plastics processing—delivering unprecedented production efficiency and throughput.



"Until now, resin drying has been a guessing game. Processors have had to rely on arbitrary drying times suggested by resin spec sheets, which are based on unknown moisture levels. Given that the moisture content of each batch of resin varies at the time it's processed, adhering to a generalized set time leads to significant inefficiencies," explained Conrad Bessemer, President of Novatec. "With DryerGenie, we're fundamentally reengineering how drying is approached. By precisely pinpointing your resin's exact moisture content in real-time, we're finally able to eliminate the guesswork, drastically reducing drying times and significantly increasing machine uptime."

DryerGenie's ability to revolutionize resin drying involves a sophisticated two-stage process. The first stage utilizes state-of-the-art capacitance moisture sensors to measure the exact moisture content of resin in real-time as it transitions from the receiver to the hopper. This data enables the system to calculate the precise drying time needed for the resin to achieve the target moisture content. The second stage features an additional sensor system located inside the hopper that actively monitors the drying process, dynamically adjusting settings to compensate for any performance variations. This meticulous control ensures flawless resin quality with the least amount of energy used, while optimizing the drying time to an absolute minimum.

Mark Haynie, Vice President of Drying Technologies at Novatec, adds, "DryerGenie heralds an era where the risks of underdrying or overdrying resin are a thing of the past. This technology ensures that each batch of resin is processed to perfection, substantially reducing waste and energy consumption. Most importantly, it achieves this while freeing up hours that can be redirected towards making more parts each day."

DryerGenie integrates seamlessly with many of Novatec's new dryers, offering an easy upgrade path for facilities looking to enhance their drying operations with cutting-edge AI-Powered 'Smart' Drying technology.

About Novatec:

As a leading U.S. manufacturer of drying, conveying, and complete material handling systems, Novatec has long been at the forefront of technological innovation. Specializing in AI-powered systems and advanced resin moisture management technologies, we've set new standards in automation, ease of use, and efficiency. Our commitment is underscored by our personalized white-glove consultative approach, steadfast support team, and a 5-year warranty, ensuring the lowest cost of ownership.

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