

News Release

For Immediate Release

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Despatch Builds Conveyor Ovens for Manufacturer of COVID 19 Diagnostic Testing System

Minneapolis, Minnesota, USA, May 13, 2020 – ITW EAE, a division of Illinois Tool building Despatch Conveyor Ovens for a major medical technology manufacturer who is producing essential COVID 19 diagnostic testing systems. These ovens will be used to develop solutions for antibody testing in the blood as well as COVID-19 detection from swab samples. The Despatch ovens with stainless steel interior and exterior will be used to dry a reagent in a test vial. The oven required special perforated plenums above the belt to create a laminar flow that will keep the small lightweight vials from being disturbed. Fresh-air ports were added to support positive chamber pressure needed to achieve the required temperature uniformity of $\pm 5^{\circ}\text{C}$.

“With a large installed base of units in the medical device market, Despatch ovens are known for delivering the invariable, uniform temperature needed for critical applications,” states Rolf Kragseth, Despatch Applications Engineer. “We are honored to be able to play a small part in the response to the COVID 19 pandemic with these products.”

Despatch Conveyor Ovens are designed for process versatility and reliability. They achieve superior air temperature uniformity on all interior parts due to high-volume, vertical down airflow. The continuous belt design is ideal for large quantities of similar work pieces being processed. Options include Class A models specifically designed for flammable solvents and a HEPA (High Efficiency Particulate Air) filtered model for applications that require Class 1000 cleanliness. These ovens provide extremely consistent and repeatable process results at temperatures up to 260°C (500°F).

Despatch is a brand of ITW EAE, a division of Illinois Tools Works, Inc. They are a global leader in high performance industrial ovens and other thermal products used for a host of critical applications, focusing on the electronics, healthcare, materials, transportation and industrial markets. Despatch also serves as a key provider of integrated technology for the emerging solar and carbon fiber markets. For more information about Despatch visit www.despatch.com.