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**FOR IMMEDIATE RELEASE**

**Intense Engineering Releases High-Speed COVID-19 Sample Prep System – Brings Speed, Safety, and Accuracy To Testing.**

**Madison, WI – April 24, 2020 –** [Intense Engineering](#) is proud to introduce the [HSP-1000](#). Carefully engineered, purpose-built, and based on their proven clinical/diagnostic sample prep platform, the fully automated HSP-1000 brings speed, safety, and accuracy to COVID-19 sample tube testing.

Currently, nearly all COVID-19 sample tubes are manually processed; this adds unnecessary delays, compromises the health of lab personnel, and increases opportunities for operator error. Fatigue, repetitive motion injuries, and sheer boredom reduce the speed of manual sample tube processing – time is of the essence to safely get our nation back to work. In addition, lab operator's safety is put at risk by forcing them to closely handle every sample – these front-line workers need as much protection as possible. Manual processing also increases the likelihood of transfer errors – for COVID-19 testing absolute accuracy is required to ensure that each test result is directly linked to its original sample. The HSP-1000 addresses these critical needs. It accelerates testing - processing up to 1,000 test sample tubes per hour. Full automation means lab operators are shielded from exposure to open test sample tubes. High-precision, robotic liquid handling systems ensure sample transfer integrity.

The countries that have been most successful at controlling their coronavirus outbreaks have done a lot more testing than the United States. Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases and member of the White House Coronavirus Task Force notes that **we are not where we want to be with regard to testing capacity for COVID-19** in the U.S. Fauci, says that the U.S. needs to not only increase the number of tests. But, he says, **we also need to make sure tests can actually be run the way they should.** **“We need to significantly ramp up not only the number of tests, but the capacity to perform them.”** Fauci says. “I am not overly confident right now at all that we have what it takes to do that.”

The numbers are daunting. Testing in the U.S. has leveled off at 100,000 tests per day. At that rate it will take over 10 years to test everyone in the U.S. Kent Chase, President/CEO of Intense Engineering, says **“we see these problems all the time. Throwing more people at them isn’t safe, effective, or sustainable, especially now.** We can help make the testing problems go away - solving these problems is what our company does. What we can’t do is prevent the next pandemic. Our country needs to make an investment in its present and future – increasing the testing capacity we need now prepares us for what we will need later.”

**About Intense Engineering:**

Can't buy it? We'll build. At Intense Engineering we design, develop, and build turnkey custom lab automation systems as unique as your science. Our team of highly experienced engineers, design, build, integrate, test, deliver, install, and commission complete automation solutions within a quality driven environment. We're located in Madison, WI and can be found online at [www.intense-engineering.com](http://www.intense-engineering.com).

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**Collateral – Picture (HSP-1000):**

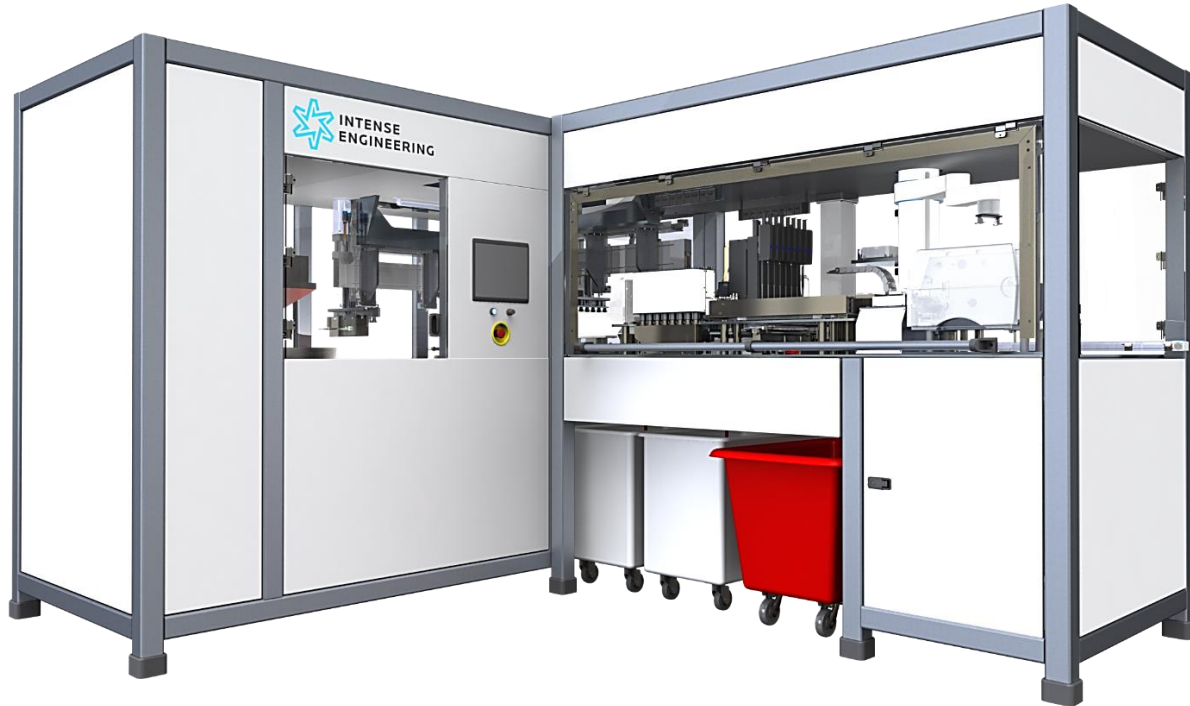


Figure 1: Intense Engineering HSP-1000: High-Speed Sample Tube Prep System

**Collateral – Video (HSP-1000):** <https://vimeo.com/318900422>

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