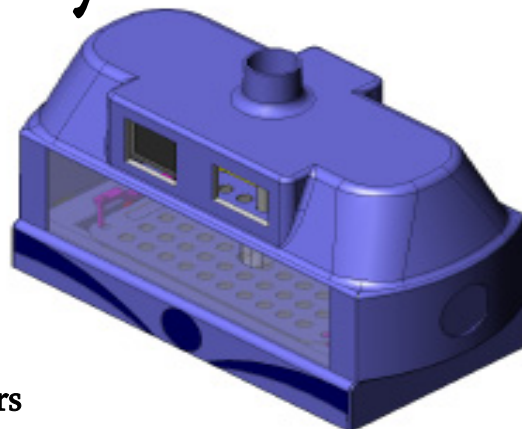


Trinity Series ADS Automated Digestion System

The Trinity ADS (Automated Digestion System) offers the next evolution in automation. Incorporating the latest technologies to advance your competitive edge in an already competitive market.

Trinity Series Instrumentation are created and designed by lab people for lab people. Providing products with functionality and ease of use that will hold up to the rigors of everyday lab demands.



Our state of the art integrated touch screen technology is a good place to start when describing some of the features of the Trinity ADS. The internal computer eliminates the need to locate an additional computer or having to run unwanted cables through the dead space in the back of your fume hood. All of the pertinent EPA methods come fully loaded into the operational software. These methods include EPA 200.2, EPA 200.7, EPA 200.8, EPA 200.9, EPA 3005A, and EPA 3050B.

Maximizing throughput, the Trinity ADS comes with a large sample capacity of a 60 place graphite block. Sample holes have been manufactured to tight specific tolerances designed to account for plastic sample tube expansion issues.

The Vortex Ventilation Technology™ utilizes vortex physics in which, any contaminants are evacuated away from the samples and out the ventilation system. Vortex Ventilation Technology™ draws consistent flows from the entire sample area, rather than a concentrated flow directed below a standard exhaust system. Clean air returns through a HEPA filter that has been rated to block 99% of all contaminants down to 0.3 microns.

Simplicity and ease of use allows your analyst to start the digestion process by selecting a preloaded method; the Trinity ADS will instruct the analyst when to load the samples. Once the samples are loaded and the Trinity ADS door is shut, digestion automatically begins. The on-board computer controls the maintenance free pump to dispense the correct amount of acids to each of the samples. After the reagent addition, the tubes are automatically lowered into the preheated carbon block utilizing the latest in temperature control technology. The Trinity ADS automatically maintains block temperature for the specified period of time. When additional reagents are required by the method, the tubes are raised, cooled, reagents added, and lowered back into the heated block automatically. At the end of the digestion cycle the Trinity ADS raises the tubes and the heating system will

shut down. The Vortex ventilation system will continue to operate until the block reaches a safe temperature. All of these steps are fully automated, putting your chemists time behind an instrument while the Trinity ADS does all the Blue Collar work for you.

Hood space is a precious commodities in any lab setting allowing you more hood space for greater flexibility. Separating your digestions eliminates the possibility of contamination from other hood use. The Trinity ADS comes with a low profile and compact footprint, a lighter system in over all weight allows flexibility and optimization in your choice of system placement.

Heavy duty racks providing minimal flex and bend have been ergonomically designed to offer easy and simple insertion and removal. This design removes any need for analysts to twist or pull while putting in sample trays.

The Trinity ADS is a fully enclosed system which minimizes exposure to harmful acid fumes. Thus, reduces the analysts need repeatedly extend themselves into the fume hood and eliminate spill possibilities. The Trinity ADS is already designed to meet the new UL 61010-1 Laboratory Safety Requirements.

If you are seeking a true quality, innovative system that will out perform to your expectations. The Trinity ADS is simply the best product available in the market today.