



THE ETHOS UP SETS THE BAR FOR ROTOR-BASED MICROWAVE DIGESTION SYSTEMS

Some have brains, others have brawn - Only one has both.

See how Milestone's new ETHOS UP compares to the competition.

The continued rise in demand for trace metals analysis and advances in modern day ICP-MS technology has placed an increased focus on sample preparation techniques. Subsequently, many labs have moved to microwave sample prep to take advantage of the many benefits the technique offers – speed, safety, complete digestion of challenging matrices, and complete recovery of volatile elements. The latest release in Milestone's ETHOS line of microwave systems, the ETHOS UP, again sets the bar for what rotor-based microwave digestion should be.

HOW IT WORKS

The ETHOS features stainless-steel construction, accommodates the highest throughput rotors and the most advanced software. The entire digestion process is controlled by easyTEMP, a unique direct contactless temperature sensor, which integrates with the smart easyCONTROL software. Over 300 pre-set digestion methods and access to Milestone Connect virtually eliminates any method development and provides an extensive resource at your fingertips. The new digestion rotors feature Milestone's unique 'vent and reseal' technology to control the internal pressure of all vessels, ensuring superior safety.



The SK-15 high-pressure and temperature rotor features 15 PTFE-TFM vessels, suitable for digestion of challenging and reactive samples, such as polymers and geological materials.



The MAXI-24 HP high-performance rotor features 24 PTFE-TFM vessels, and is designed for high-volume labs digesting cannabis, food, pharmaceutical and other organic-based samples.



The MAXI-44 high-throughput rotor features 44 PTFE-TFM vessels suitable for digestion of environmental and organic samples with limited reactivity or low sample masses.

BENEFITS

Safety

- Stainless steel design, pressure-responsive door and built-in safeVIEW camera ensures operator safety and instrument longevity.

Throughput

- Three different rotor options to accommodate a wide variety of sample and throughput needs.

Ease of Use

- Direct contactless temperature control in all positions via easyTEMP sensor. Smart easyCONTROL software with over 300 built-in methods.

Resources

- Remote control of the digestion run and 24/7 access to application notes, white papers, manuals and tutorial videos via Milestone Connect.