

MILESTONE



H E L P I N G
C H E M I S T S

Simplified Sample Prep

Your Key to Superior Analyses

Rick Headrick
Midwest Regional Sales Manager
Milestone Inc.

About Milestone

- Established in 1988
- Over 20,000 instrument installations worldwide ranging from Fortune 500, Academia, Government Agencies, Independent Contact Labs, Manufacturing
- Global Footprint
 - US Headquarters: Shelton, CT
 - Full sales and service support
 - Applications lab and technical support
 - Parts inventory
 - European Headquarters: Bergamo, Italy
 - R&D/Manufacturing: facilities in Germany and Switzerland



Milestone Inc. USA: Shelton, CT



Milestone srl: Bergamo, IT

Milestone Solutions

Over 30 patented technologies:

- Microwave Digestion
- Microwave Extraction
- Microwave Synthesis
- Microwave Ashing

- Direct Mercury Analysis
- Clean Chemistry



Microwave Digestion Systems

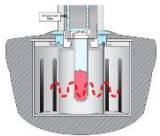
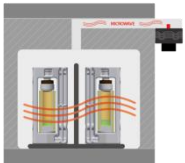
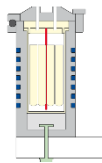


What is right for your lab?

- What are my sample types?
- What are my elements of interest?
- What is my acid chemistry?
- **What temperature (and pressures) will be required for digestion?**



Available Microwave Technologies

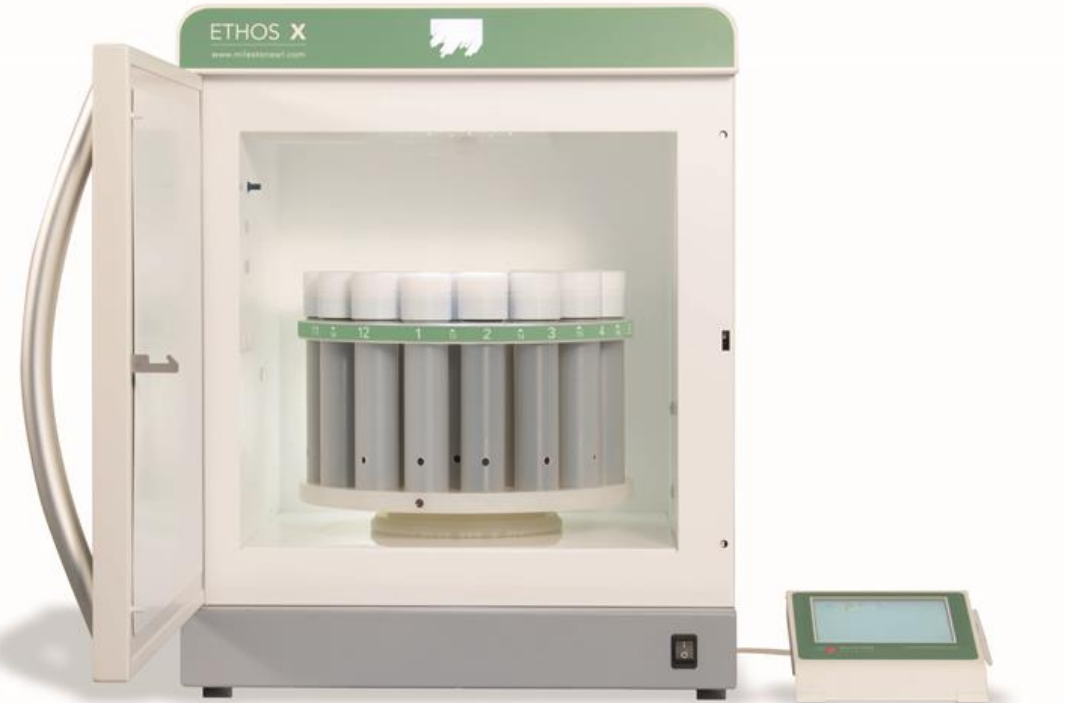
Specification:	Sequential systems 	MW Multimode 	SRC technology 
Working temperature with an organic sample	200 °C	240 °C	300 °C
Maximum pressure capability	~30 bar	100 bar	200 bar
Number of samples per run	One vial per run	15 vessels per run	15 vials per run
Typical Digestion Time (including cooling time)	10 - 15 minutes for each vials	1h and 30 min for 15 vessels	Less than 1h for 15 vials
Productivity	Low	Medium	High



DMA-80 Direct Mercury Analyzer



Ethos X: Environmental Extraction



Microwave Digestion | [Mercury](#) | Clean Chemistry | Ashing | Extraction | Synthesis

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Q & A

Thank You!