



**BLADE**  
Microwave Digestion System



# BLADE

Future speed.  
Future simplicity.  
Future flexibility.  
Future performance.  
Today.

The future of microwave digestion systems is here. The BLADE™ brings speed, simplicity, performance, and flexibility to labs to increase their capabilities and drive them into the future of elemental analysis.



# Future Speed

BLADE was designed with speed in mind. In a high throughput lab, time is money. CEM combined advanced vortexing and Single Mode Cavity™ (SMC) technology to provide the highest watt-density and achieve clear digestions in a fraction of the time of traditional microwave digestion systems. If you have a few minutes, we have your samples.

DIGESTION IN ...

Minutes





## Future Simplicity

Experience the easiest to use microwave digestion system ever built. Simply add your sample and acid to the BLADE vessel and snap on a cap. Load your vessel into the autosampler and the BLADE will then process your samples automatically, including cool down. No vessel assembly and an easy to clean high purity quartz vessel make this the clear choice for modern laboratories digestion needs.



# Future Flexibility

Improve your lab's workflow with barcode scanning and follow your sample from balance to analysis. BLADE is the only microwave digestion system that automatically loads and unloads vessels from the cavity and provides CFR compliant documentation for every sample. The continuous-sequential automation means uninterrupted sample processing and more instrument uptime.

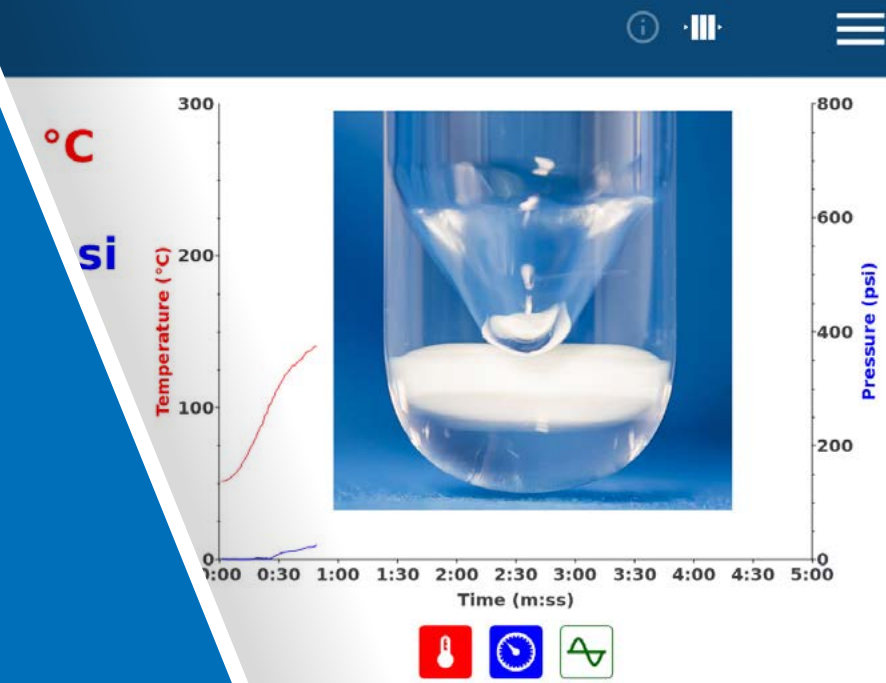




# Future Performance

From routine to extreme, the BLADE can digest it all with ease. Mix and match samples and acids, including  $\text{HNO}_3$ ,  $\text{HCl}$ , and  $\text{HF}$ , in one batch using available methods. Even watch your digestion in real-time with the high definition built in camera.

To learn more visit us at [cem.com/BLADE](http://cem.com/BLADE)





We Simplify Science

[cem.com](https://cem.com)



United States Headquarters: +1 (704) 821-7015 | [info@cem.com](mailto:info@cem.com)  
For distributors and subsidiaries in other regions, visit [cem.com/contact](https://cem.com/contact)