MARS ONE
ECONOMICAL MICROWAVE DIGESTION
Specifically designed for routine sample preparation, the MARS™ One provides laboratories with an economical alternative to higher priced systems. The MARS One incorporates many of the same features found in our world-class MARS™ 6 platform, and provides rapid processing of one to 12 samples.

- **Easy, Preloaded Methods**
- **Vessel Counting Sensors** Allows precise power input of one to twelve samples
- **Complete Control** Controls up to 12 vessels, using a contactless IR sensor
- **Easy to Use** Choose a pre-existing method or simply program time and temperature
- **Precise Power** Superior waveguide technology
- **Versatile** Accommodates one to twelve vessels
- **Reactiguard Security** Automatically shuts off power, if a disturbance is detected during a run
MARSXpress™ Vessels & Turntable

The patented MARSXpress™ vessel revolutionized sample preparation a decade ago. It is a simple, three-piece design, with no metal springs. The vent and reseal technology ensures complete digestions for a variety of sample types.

Both 55 mL and 75 mL vessels are available for MARS One. The easy-to-assemble 3-part vessel resides in a thin-walled composite sleeve, that allows for rapid cooling.

**Lightweight Turntable**

- **Fast Cooling**: Open architecture promotes fast cooling
- **Capacity**: Run a single sample, or up to 12 simultaneously, in a 55 mL or 75 mL volume vessel
- **Construction**: Teflon® turntable weighs less than 4 kg and is HF resistant and corrosion proof
Our commitment to you doesn’t end when your system is shipped; it begins.

~Michael J. Collins
President & CEO, CEM