

## QWave 2000 Microwave Digestion System



### Configurations

Closed Vessel Time-To-Temperature

Model QL-100-201 (50Hz) & QL-100-202 (60Hz)



LVHT Vessel



eVHP Vessel

- Ideal for both Open as well as Closed Vessel Digestion, Extraction, Evaporation, and Synthesis
- Built-in temperature and pressure monitoring of each digestion vessel
- User-independent safety features ensuring safe digestions
- Enhanced safety using real time video
- 7" LCD Display
- Maximum 1800W microwave energy
- Maximum 230°C digestion temperature
- Preloaded EPA 3015, 3051, 3052 and other digestion method
- Controlled release of over pressure to avoid cross-contamination
- Rotating antenna and 360° carousel rotation ensuring uniform microwave distribution
- Corrosion-proof PTFE-coated reinforced cavity for corrosion resistance
- Microwave power output in small increments for precise temperature Control
- 2450 MHz magnetron frequency
- 150 CFM exhaust for fume removal and vessel cooling
- Spring-loaded door latches for enhanced safety
- 56 litres Cavity Volume

## QWave : Closed Digestion Vessels



eVHP Vessel Set

- Vessel for high throughput and moderate temperature requirements
- Possibility to digest 30 samples in single run
- Temperature monitoring for each vessel
- Vessels are individually pressure controlled and equipped with our unique resealing over-pressure guard (OPGuard™) vessel protection system
- Ideal solution for labs running large number of samples in every batch
- Option of sensor vessels for in-situ temperature and pressure measurements



LVHT Vessel Set

- Accurate temperature sensing ( $\pm 0.1$  °C sensitivity)
- Ease of loading carousel vessel by vessel inside the system's cavity
- Convenient manual release of residual pressure after digestion
- Compact Vessel Handling Station prepares vessel correctly every time
- Automatic protection against unusual heating of vessels
- Optimally designed carousel ensures uniform heating of all samples
- Temperature control for as low as 8 ml possible