

# MASTER 40

High Throughput Closed Microwave Digestion System



- ▶ 40 Vessel - Master Series Microwave Digestion System
- ▶ 2200 W Power Output (Continuous, Non-Pulse Technology)
- ▶ Internal Pressure and Temperature Sensing - Master Vessel
- ▶ External IR Temperature Sensing of all Vessels
- ▶ PFA Lined 65L Inner Chamber w/ Large Exhaust
- ▶ Fan for Minimal Corrosion
- ▶ 22"L x 26"D x 28"H, 150 lbs.

سوماتكو  
SOMATCO  
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# MDS-15

## High Throughput Closed Microwave Digestion System



High in  
Efficiency

The Master 15 is able to read all vessel temperatures with its advanced infrared thermometer. One master vessel is equipped with a temperature and piezoelectric pressure sensor for temperature and pressure programming.

If the microwave senses that the pressure or temperature is operating above vessel tolerances then the power will automatically be cut. This assures long vessel life and operator safety. These aren't ordinary probes, they are designed to turn with the microwave so they will never tangle and the carousel can turn in one direction continuously.

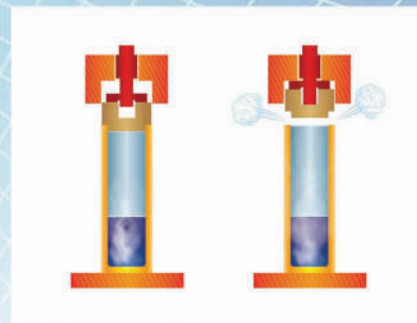


# JUPITER

## High Throughput Closed Microwave Digestion System



- The Jupiter microwave is perfect for sample digestions and extractions
- With up to 12 vessels the little Jupiter can handle more through put than any other microwave in it's class
- The patented safety bolt design eliminates the need for pesky blow out membranes in our vessels
- The composite fiber outer vessel provides unparalleled security from vessel explosions
- Graphical User Interface (GUI) is simple to navigate and easy to read
- Maximum output power 1300W
- Non-pulse continuous automatic variable frequency control
- Working environment humidity 15-80%RH
- Whole physical size 18× 24 × 25" (L × W × H)
- Net weight 93 Lbs





# MDS-6G

High Throughput Closed Microwave Digestion System



Request Quote  
203-853-9444

## The MDS-6G sets a new benchmark for practical compact microwave digester:

All steel industrial grade chamber with corrosion resistance and ultra-long life

Patented multifunctional safety bolt design, instead of safety membrane and other consumables

Ultra-strength aerospace composite fiber digestion outer vessel

Precise pressure control by piezoelectric crystal without cross-contamination problems

8 workstation frame digestion vessel

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