



MARS™ 6

Digestion Mode

Batch

- Digests up to 40 samples at the same time
- All samples in the batch must be similar and run the same acids & volumes

Throughput

Moderate to High (depends on vessels)

- Batch up to 40 samples in 45 minutes
- Up to 400 samples in an 8 hour shift

Sample Types

Moderate to Extreme (depends on vessels)

- Organic samples, Inorganic samples
- Almost any sample type

Vessels

- Wide selection of vessels for every application
- View available vessels and comparison guide at: cem.com/mars-6-vessels

Recommended for

- High throughput labs
- Difficult to extremely difficult samples
- Large sample sizes
- Labs with multiple sample types and sizes



Discover®
SP-D 80

Digestion Mode

Sequential

- Quickly digests a sample one at a time automatically
- Samples are loaded and unloaded into microwave cavity by an autosampler
- Use different samples, acids, and methods all in one run

Throughput

Low to Moderate

- 1 sample in 10 minutes
- Up to 48 samples in an 8 hour shift

Sample Types

Moderate

- Organic samples
- Some inorganic samples

Vessels

- 80 mL Quartz
- Teflon® liners are available for working with HF
- Simple, snap-on caps

Recommended For

- Small to moderate amount of varied sample types
- Labs that receive rush samples
- Perfect complement to a batch system



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SP-D Clinical

Digestion Mode

Sequential

- Quickly digests a sample one at a time automatically
- Samples are loaded and unloaded into microwave cavity by an autosampler
- Use different samples, acids, and methods all in one run

Throughput

Low to Moderate

- 1 sample in 6 minutes
- Up to 80 samples in an 8 hour shift

Sample Types

Moderate

- Clinical samples
- Very small samples

Vessels

- 10 mL Pyrex®
- 4 mL Pyrex®
- Simple, snap-on caps

Recommended For

- Clinical/Forensic labs
- Clinical trials
- Labs with extremely small sample sizes