



>> <http://www.chemeurope.com/en/products/116718/>

Discover SP-D - Pressurized Microwave Digestion System

Complete digests in 10 minutes, including cool down!



Welcome to a revolutionary advance in pressurized microwave digestion! Fast and remarkably simple, the **Discover SP-D** changes the laboratory paradigm for microwave digestion.

Escape the confines of traditional box-style microwave digestion systems and experience an incredible ease-of-use you've never had before in sample preparation.

- Complete digests in 10 minutes, including cool down!
- Pressurized vessels with easy snap-on caps
- Patent-pending ActiVent™ Technology automatically controls vessel pressure
- Sample sizes up to 0.5g

- Safest technology for microwave digestion
- Individual method programming for each sample
- Full pressure & temperature control for each sample
- Compact – smaller than box-style microwave digestion systems
- Automated sample decks available!

Easiest-to-Use Vessels

CEM's ActiVent vessels are the easiest-to-use vessels available for microwave digestion. Just load your sample and snap on the cap!

No tools! No complicated vessels!

Fastest Digestions

The Discover SP-D can **completely digest samples in as little as 10 minutes, including cool down time!** Below are just a few of the types of samples that you can run in a Discover SP-D. No matter what you are digesting, we have an application for it!

NEW! ActiVent Technology

The patent-pending ActiVent™ Technology is what makes it possible to run real-world sample sizes in 35-mL vessels. The key to these digestions is to remove the gas produced from the digestion without allowing the volatile elements to escape. ActiVent accomplishes this by using a very sensitive pressure



>> <http://www.chemeurope.com/en/products/116718/>

mechanism and innovative programming that allow the reaction vessel to vent slightly at preset pressures then reseal. Using CEM's ActiVent Technology, full digestions of organic materials up to 0.5g can now be achieved in a 35-mL vessel that previously were only possible in a much larger vessel.

Individual Sample Control

Each sample is individually processed, with the microwave energy applied and precisely controlled by monitoring the temperature and pressure of the sample, so that each sample is digested with maximum efficiency.

Individual method programming for each sample

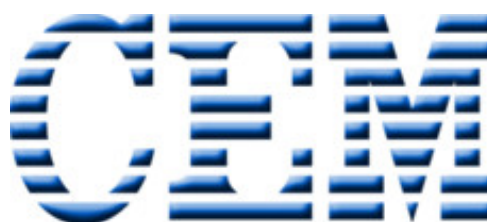
- No need to batch samples! Discover SP-D gives chemists the ability to mix and match sample types.
- More importantly, this feature allows chemists to interrupt their pre-programmed sequence for a priority sample and then resume processing the sequence at the point of interruption.

Synergy-D Software

User-friendly, intuitive Synergy-D™ software tells you at a glance the status of your reaction and provides documented run data.

For further information please visit our product website or get in contact with us!

Contact



More information on this product:

Supplier:
CEM GmbH

Product:
Discover SP-D

[www.chemeurope.com/en/
contact/products/116718/](http://www.chemeurope.com/en/contact/products/116718/)



>> FAX + 49 (0)30 / 20 45 68 - 79

Use this form to request further information about the product **Discover SP-D** directly from the supplier **CEM GmbH**.

Message to the supplier

I have read your product presentation **Discover SP-D** on the website **chemeurope.com**. I wish to receive further information.

- please send additional information (brochures, PDF documents etc.)
- please submit a quotation
- please contact me

Contact Information

Surname

First Name

Position

Email

Company or Institution

Department

Street or P.O.Box

Postal Code, City, Country

Phone No.

Fax