

# Speedwave Microwave digestion systems



## Speedwave Entry

With the new microwave digestion device, SW-E is focusing on what's important:

The beginner's model focuses on the essentials: Ease of use, safety and cost efficiency. It is ideal for digestions at moderate temperatures and pressure ranges in routine analysis, studies and training.

### Areas of application:

Food and feed, environmental analysis, medicine, biology, agricultural



## Speedwave Xpert

The all-rounder for demanding digestions at elevated temperatures and pressures

This high-performing microwave is tailored for complex digestions of difficult sample material under elevated temperatures and pressures. The sophisticated microwave design combines high-quality materials and innovative sensor technology and guarantees a high level of safety.

### Areas of application:

Environmental analysis, materials, pharmaceutical analysis, geology, energy, metal and plastic industry





In addition to the "simple routine samples", many users also need to process the most challenging sample materials. For this target group, devices are required that are both powerful and meet the highest safety requirements. In this context, the all-rounder Speedwave Xpert shines thanks to its new SafePrep concept.

**+ 30%  
more power**

The use of 2 magnetrons with a total of 2000 W power significantly increases performance, enabling digestion of the most difficult sample materials. At the same time, the microwave is equipped with dynamically regulated fans which provide a marked noise reduction during digestion in comparison with similar models.



- Dense, durable pressure vessels made of TFM™-PTFE
- Opening and closing without tools
- Lower costs for consumable materials
- Digestion vessels covered under equipment warranty
- Controlled release of residual pressure when opening the containers
- Digestion vessels can be used with mineral acids HCl, HNO<sub>3</sub>, HF, H<sub>2</sub>SO<sub>4</sub> and H<sub>3</sub>PO<sub>4</sub>
- Connection of all vessels to the gas collection system that dissipates released gases safely



- External controller with a large display and high resolution for easier visualisation
- Intuitive operation
- Web visualisation for mobile devices (smartphone, tablet) for easy control outside the laboratory
- Multilingual software
- Extensive application database