

# READY – STEADY – GO



**MULTIWAVE GO Plus – GOES FOR A HUGE VARIETY OF SAMPLES**  
 Simply digest a multitude of samples with generic methods  
 Digestion of up to 12 samples in ≤ 20 minutes

Routine digestion | leaching of high sample amounts | low sample amounts | inorganic or organic matrices

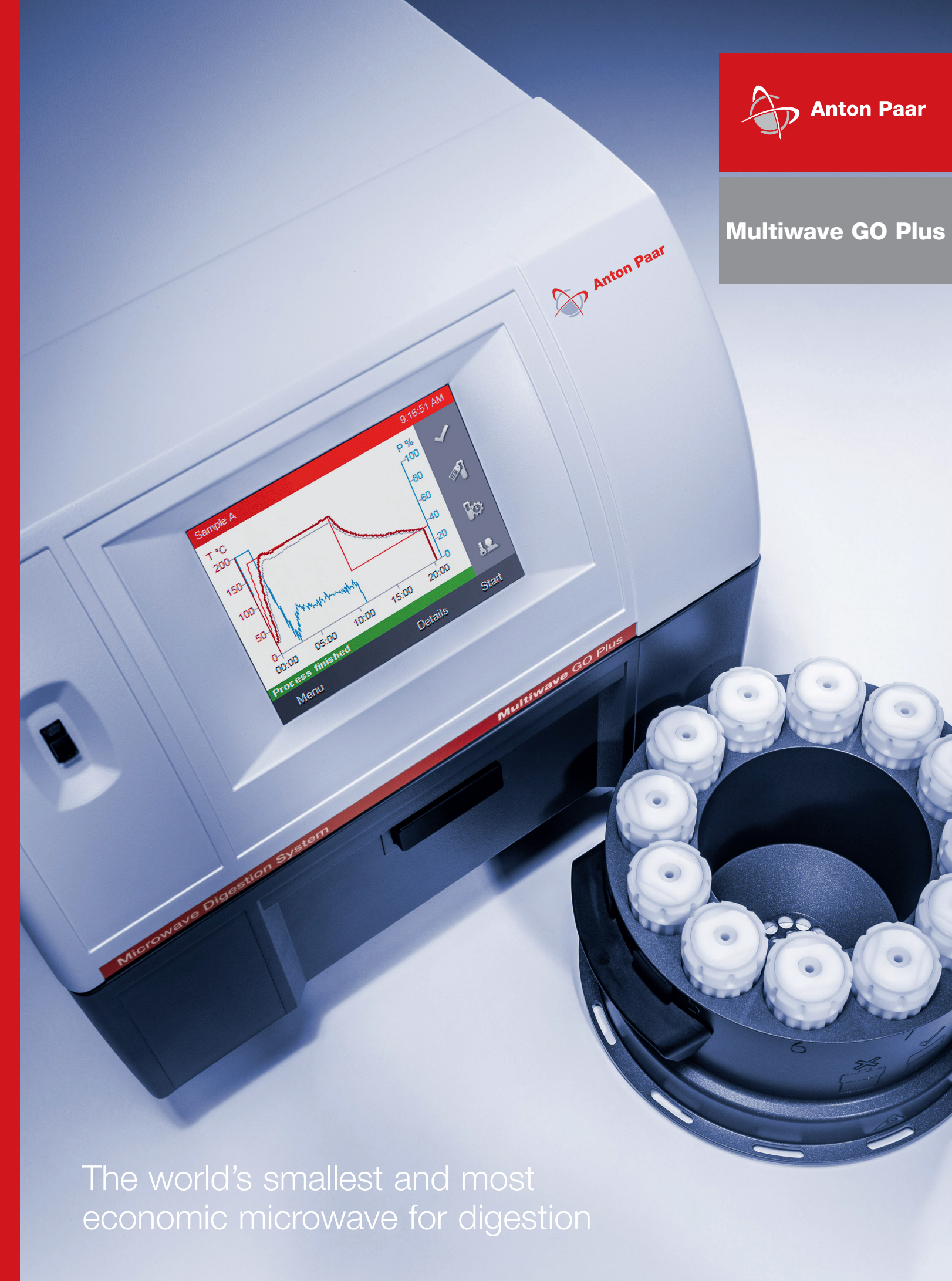


Samples for EPA, ASTM, and other standard test methods | Environmental samples | Food and feed analysis | Material testing  
 Petrochemistry | Plastic and polymers | Cosmetics | Metals and alloys | Geochemistry

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 Specifications subject to change without notice.  
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**Multiwave GO Plus**



The world's smallest and most economic microwave for digestion

[www.anton-paar.com](http://www.anton-paar.com)

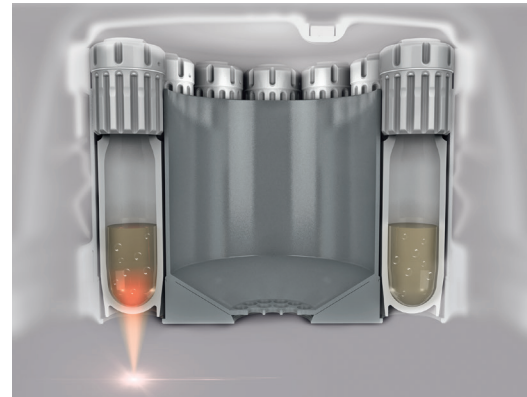
# DMC Directed Multimode Cavity for the fastest process times

Safe operation, high-quality digestion, and minimal process times in a small-footprint instrument, all achieved by the unique TURBO heating and TURBO cooling concepts of Multiwave GO Plus.



## TURBO heating

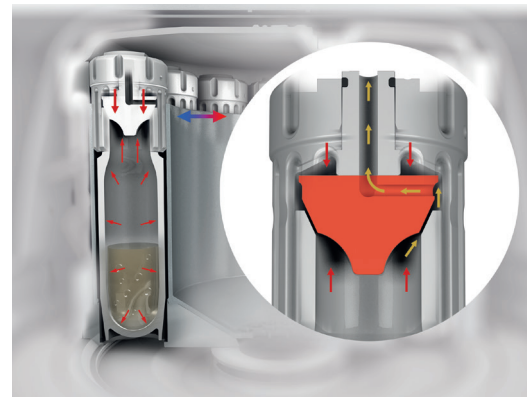
GO for highly efficient heating with only one magnetron in a compact system with the unique and patented Directed Multimode Cavity. The **microwave field adapts itself** to the number of filled or empty positions and the filling state of the vessel – that's truly innovative.



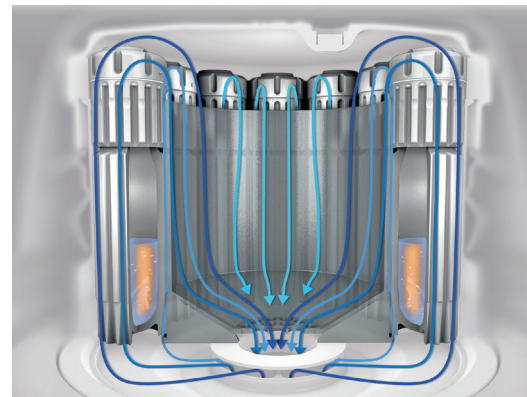
## Reaction control

The internal vessel temperature of each vessel is determined and controlled via a **contactless IR sensor**.

The innovative SmartVent technology, which uses the pressure-activated-venting concept of Anton Paar, ensures **precise pressure control** and excellent digestion quality.



The SmartVent technology permits **extremely high sample weights** and opens up the possibility to safely digest samples with different, unknown reaction behaviors in the same run.



## TURBO cooling

GO for the **most effective cooling system** on the market for rapid cooling from 180 °C to 70 °C in less than 8 minutes (for EPA methods). This is possible through a perfect interplay between the built-in cooling unit, exhaust, rotor, and vessels (with cooling fins). The continuous low-intensity cooling during a run increases the vessels' lifetime.

# Multiwave GO Plus ... simplicity in perfection

For more than 40 years, Anton Paar has been a leading supplier of sample preparation instruments. Multiwave GO Plus, with its revolutionary Directed Multimode Cavity (DMC) perfectly combines the best of both monomode and multimode microwaves. Highly efficient heating of a monomode system meets a multimode system, for the most economic digestion of more than one sample in a single run.

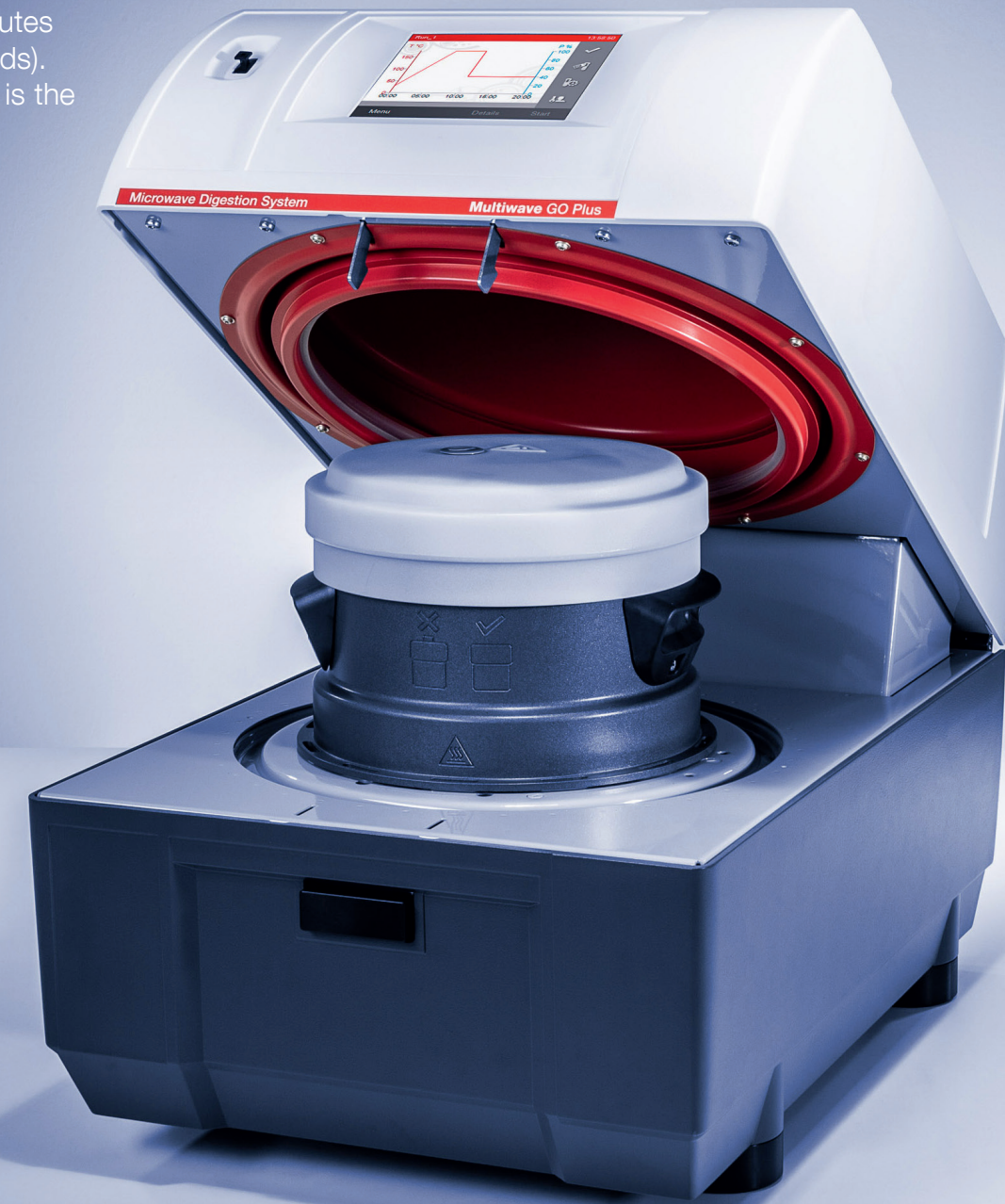
With the TURBO cooling process, cooling times as short as 8 minutes for a fully loaded twelve-position rotor are possible (for EPA methods). In combination with the SmartVent technology Multiwave GO Plus is the most convenient microwave digestion system on the market.

## GO for unique features

- DMC Directed Multimode Cavity for the shortest heating times in a small-footprint system
- TURBO heating and cooling for the shortest overall process times
- One-vessel digestion mode for low-throughput applications
- Extremely lightweight aluminum rotor (5 kg): as an optimized integral part of the DMC – no deformation, no corrosion, no loss of stability

## GO for SmartVent

- Fast sample preparation by controlled removal of gaseous reaction products
- Reliable and safe digestion of a wide range of samples
- High sample amounts of up to 3 g per vessel
- Differing sample amounts can be reliably digested in one run
- Samples with different reactivity can be safely digested in one run
- Easiest handling and maximum flexibility with the HF-resistant three-part reaction vessels



## GO for intuitive instrument control

No extra space is required for an external controller or PC because of the built-in controller and 5.7" touchscreen. The intuitive design of the software guarantees an easy interaction.

## GO for compliance

Multiwave GO Plus comes with pre-installed generic standard methods to further simplify your workflow for the digestion of samples like e.g. sediments, sludges, soils, siliceous organically based matrices as well as aqueous samples according to e.g. **EPA 3015A, EPA 3051A or EPA 3052**. Flexibility is guaranteed due to the option for method creation.

For your pharma samples Anton Paar supports you with a PQP-S for the Multiwave GO Plus.

## GO for budget-friendliness

The attractive purchase price and low costs for operating and consumables make Multiwave GO Plus the perfect investment. Its small footprint minimizes the required laboratory space.

## GO for years

Anton Paar's 90 years of experience in smart engineering and consistent use of high-quality components means you can rely on Multiwave GO Plus for many years of operation.

## GO for service

With subsidiaries and distribution partners worldwide, you are close to an experienced team providing in-depth application support, training, and quick and efficient service.

### Specifications

Rotor	Rotor 12HVT50	Filling volume	3 mL to 25 mL
No. of vessels	1 to 12	Pressure-activated venting	Yes
Vessels / material	HVT50 / PTFE-TFM	Sample amounts	≤3 g per vessel
Volume	50 mL	Hydrofluoric acid resistance	Yes