

# SAM 255™

Microwave Drying System



# Microwave Drying in Minutes.

The SAM 255 is a unique instrument for rapidly drying samples up to 1 kg in weight. It can be used for moisture analysis or as a preparatory step for further analysis. Drying times are reduced from hours to minutes with the precision of a conventional oven method. Almost any material can be dried using microwave energy, as the volatile component can be water or a wide range of polar organic compounds. The system's unique design eliminates problems, like incomplete drying, that arise from reflected power often seen in conventional microwave ovens.

- Reduce drying times from hours to minutes
- IntelliTemp™ provides consistent drying everyday batch.
- Stores up to 20 separate methods.
- Each method can have up to 8 heating, or cooling ramp stages.
- Reproducible results comparable to standard air oven method.

## Sample Types

- Drawdowns
- Fiberglass bowties
- Wood/Pulp products
- Environmental materials
- Bulk powdered milk

## Workstation

The SAM 255 is available with workstation options including a 100 g balance with 0.0001 g sensitivity. The workstation is a complete center for accurate moisture or solids measurements in large samples.

