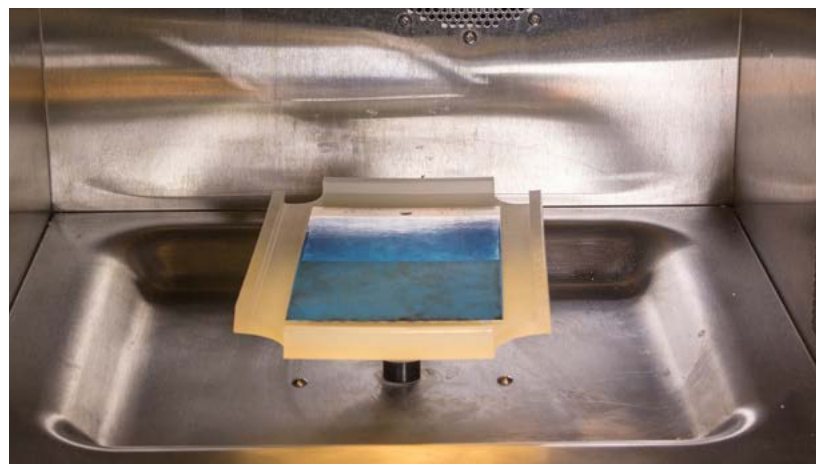


# SAM 255™

Microwave Drying System





# Microwave Drying in Minutes.

The SAM-255 is a unique instrument for rapidly drying samples up to 1kg in size. 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 also features a unique design avoiding problems with reflected power that prevents complete drying of samples 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, cooling or heat ramping stages.
- Reproducible results comparable to standard air oven method.

## Sample Types

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

## Workstation

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