

# Multiple Sample (11 to 19) Moisture/Ash Thermogravimetric Analyzers



## Navas Instruments TGA - 4000 Series For Organic



### TGA With Short Analysis Time (Less than two hours) And With Additional External Balance For Increased Throughput

The TGA-4000 Series is ideal for determination of food, feed, snacks, dough, wheat and flour moisture and ash

Determination of: Moisture And Ash

Applications: flour, wheat, food, animal feed, snacks, dough, tobacco, etc...

### Benefits

- *Short analysis time*
- *Crucibles with high weight capacity (Up to 70 g)*
- *External balance for increased throughput (Crucibles and samples weighed during analysis time)*
- *Easy instrument operation with intuitive software in Windows*
- *Powerful Open Database Connectivity with customizable reports, etc...*

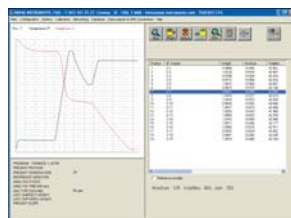
# 4 Place Balance With Display For Calibration And Diagnostics



The 4 place digital precision balance with display provides for accurate results and repeatability and easy diagnostics

Instrument control is done through USB cable, Instrument can be controlled from a desktop or laptop PC

## Windows Based Software For Flexibility And Functionality



The Windows based software allows easy instrument operation and the powerful Open Data Base Connectivity allows connecting to different databases and data exports to LIMS (Laboratory Information Management System) and Microsoft Excel in TXT, CSV and XLS formats.

The optional external balance allows weighing crucibles and samples during analysis time for increased throughput

## Variable Crucible Size To Fit Your Analysis Requirements



Different crucibles sizes available for larger sample weight or larger carousel capacity

### Navas Instruments TGA – 4000 Technical Specifications

Number of samples	1 to 19
Sample size	0.1 ~ 70 grams, 7 – 8 g in tobacco
Weight loss/gain range	0 ~ 100 %
Balance sensitivity	0.1 mg
Precision	0.02 % RSD
Temperature range	50 ~ 1000 °C ±1 °C
Instrument control	Desktop or Laptop PC with USB
Dimensions (Width x Length x Height)	21.81" x 23.62" x 22.44" (55.4 cm x 60 cm x 57 cm)
Weight	133 LB (60 KG)
Power supply	220V AC (4 KW)