

Largest Capacity TGA On The Market

Single Furnace (Patented)

38 Or 46 Samples Per Batch



Navas Instruments

TGA - 2000A - 40 Series

For Coal, Ores, Cement,

Catalysts,

etc ...

**Automatic Moisture, Volatile Matter, Ash
And LOI (Loss On Ignition) Analyzer (Patented),
Specifically designed for large throughput, productivity and
affordability**

The dual carousel (Patented) configuration allows automatic placement and removal of the upper crucibles or covers inside the furnace

One unit doing double duty as:

- Double samples capacity (38 or 46 samples)
- Single capacity (19 or 23 samples) and automatic volatile crucible-covers placement and removal

Applications: Food, Feed, Iron ore, Bauxite, Coal, Coke And Other Ores, Cement, Catalysts, Biomass, Biochar, Graphite, Fertilizers, Rubbers, Plastics, etc ...

Optional external balance for increased productivity.

External balance allows obtaining initial weights of crucibles and samples during analysis time.

Models for: 38 and 46 samples



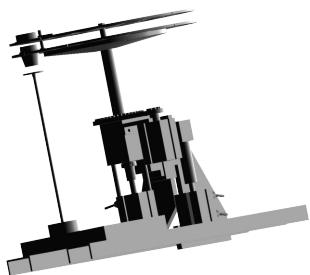
Benefits

- **Productivity/Cost:** Double capacity with single furnace
- **Safety:** No danger to operator opening furnace at 600 °C
- **Easy of use:** No danger of falling covers inside furnace
- Single furnace or dual furnace controlled by one single PC (Single furnace 38 samples, Dual furnace 76 samples)

HALF OR 1/4:

The expense in gases
The expense in energy
The lab space
The expense in maintenance
The expense in parts and spares
The expense in purchasing cost

Productivity and affordability

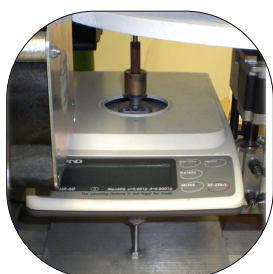


1

Innovation that is the dual capacity TGA (Patented) started with dual internal components

2

This translates to double the crucible capacity



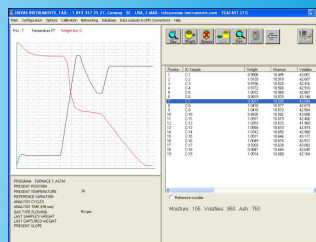
3

All being measured with 4 place precision balance with digital display for calibration and diagnostics

Optional external balance for increased productivity
External balance allows obtaining initial weights of crucibles and samples during analysis time

4

Windows based software for flexibility and functionality
Configurable parameters for all slopes



Time (min)	Weight (mg)	Temp (°C)
0	100.00	100
10	100.00	100
20	100.00	100
30	100.00	100
40	100.00	100
50	100.00	100
60	100.00	100
70	100.00	100
80	100.00	100
90	100.00	100
100	100.00	100

5

Powerful Open Database Connectivity (ODBC) with filtering, sorting, configurable data exports to LIMS (Laboratory Information Management Systems) and to Microsoft Excel in TXT, CSV and XLS files or to serial port

6

Variable crucible size to fit your analysis requirements

