

Theta Industries, Inc.

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Test Questionnaire for DTA TGA

Submitted by _____ Title _____ Dept. _____

Organization _____ Tel. _____ Ext. _____

Street _____ Fax _____

City _____ E-Mail _____

State _____ ZIP _____ Country _____

1 SPECIMEN TO BE MEASURED

- 1 g
- 10 g
- 100 g

NAME

Specimen size

3 DESIRED INSTRUMENT CONFIGURATION

- DTA
- TGA
- DTA/TGA

- 10^{-4} High Vacuum
- 10^{-2} High Vacuum
- In air

- Protective gas specify
- Desired Specimen Environment**

- Fused Silica
- Sintered Alumina

- Graphite

Specimen Holder

2 PLANNED APPLICATIONS, PHENOMENA, MATERIALS TO BE STUDIED

- Phase transformation
- Sintering of powder
- Firing of ceramic

- 500°C
- 1000°C
- 1600°C
- 1700°C
- 1800°C
- 2300°C

Max. temperature

- Carbon, Graphite
- Metal
- Ceramic
- Glass
- Composite
- Nuclear material
- Refractories
- Clay
- Plastic

- Educational
- Quality control

Remarks:

Date _____ Signed _____