

# Kunshan Goldspread Plastic Technologies Co., Ltd.

## Thermal Analysis Crucible



### Kunshan Goldspread Plastic Technologies Co., Ltd.

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# Thermal Analysis Crucible

**Crucibles** serve as containers for samples during thermoanalytical measurements. They guarantee that the sensor is not contaminated by the measurement. The type of crucible used for a measurement can have a large effect on the quality of the results obtained, and in addition, also influences important characteristics of the DSC measuring cell. Considering the relevant factors before the measurement can often help to save time later on when interpreting the curve.

## Features and benefits:

**Large volume** – increases the sensitivity

**Low mass** – pushes the resolution to the limit

**Purity** – no interaction of the sample with the crucible

**Material** – guarantees high thermal conductivity and form stability

**Flatness** – ensures perfect thermal contact and no artifacts

Material	Max Use Temperature (°C)	Note
Stainless steel crucible	350	
Aluminum crucible	600	
Zirconia crucible	1050	
Platinum crucible	1200	
Alumina(95%) crucible	1500	
Alumina(99%) crucible	1800	
Graphite crucible	2000	If it's used in oxygen atmosphere, it will start to be oxygenized when the temperature is higher than 700-800°C. If it's used in the protective atmosphere, it can stand more than 2000°C.

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS40ALCM6017

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid, Capacity:40ul,Size:  
Φ6.0\*1.7mm ;replace Mettler ME-  
00026763

**PK:** 100sets /pk



**Item:** GS40ALCPM6017

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid & Pin, Capacity:40ul,Size:  
Φ6.0\*1.7mm ;replace Mettler ME-  
00027331

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS100ALCM6040

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid, Capacity:100ul,Size:  
Φ6.0\*4 mm ;replace Mettler ME-  
51119872

**PK:** 100sets /pk



**Item:** GS100ALCPM6040

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid & Pin, Capacity:100ul,Size:  
Φ6.0\*4 mm ;replace Mettler ME-  
51119871

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS40ALCSQ20T5426

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid,  
Capacity:40ul,Size:Φ5.4\*2.6mm ;for  
solid sample , replace TA  
901670.901/TA 901671.901

**PK:** 100sets /pk



**Item:** GS40ALCLQ20T5420

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid ,  
Capacity:40ul,Size:Φ5.4\*2.0mm ;for  
liquid sample , replace TA  
901683.901/901684.901

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS40ALCSQ10T66517

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid,Capacity:40ul,Size:Φ6.65\*1.7mm ;for  
solid sample , replace  
TA900786.901/900779.901

**PK:** 100sets /pk



**Item:** GS40ALCLQ10T5827

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:40ul,Size:Φ5.8\*2.7mm ;for  
liquid sample , replace TA  
900793.901/900794.901

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS40ALCLP6513

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:40ul,Size:Φ6.5\*1.3mm ;for  
liquid sample , replace PE 02190062

**PK:** 100sets /pk



**Item:** GS40ALCSP66517

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:40ul,Size::Φ6.65\*1.7mm ;for  
solid sample , replace PE 02190041

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS20ALCSS6015

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:20ul,Size:: $\Phi$ 6.0\*1.5mm ;  
replace Shimadzu 201-52943

**PK:** 100sets /pk



**Item:** GS40ALCSS5225

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:40ul,Size:: $\Phi$ 5.2\*2.5mm ,  
replace Shimadzu sample pan  
 $\Phi$ 5.2\*2.5mm

**PK:** 100sets /pk



# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS40ALCLS6016

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:40ul,Size:: $\Phi$ 6.0\*1.6mm ;  
replace Shimadzu 201-53090

**PK:** 100sets /pk



**Item:** GS50ALCSS5730

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:50ul,Size:: $\Phi$ 5.7\*3.0mm ;  
replace Shimadzu sample pan  
 $\Phi$ 5.7\*3.0mm

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS60ALCSS6025

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:60ul,Size:: $\Phi$ 6.0\*2.5mm ;  
replace Shimadzu sample pan  
 $\Phi$ 6.0\*2.5mm

**PK:** 100sets /pk



**Item:** GS25ALCN8021

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid, Capacity:25ul,Size:  
 $\Phi$ 8.0\*2.1mm ;replace NETZSCH  
6.239.2-64.501

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS100ALCG6740

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:100ul,Size:: $\Phi$ 6.7\*4.0mm

**PK:** 100sets /pk



**Item:** GS50ALCG5040

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:50ul,Size:: $\Phi$ 5.0\*4.0mm

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS75ALCG5060

**Spec:**

DSC & TGA AL SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
with Lid,  
Capacity:75ul,Size:: $\Phi$ 5.0\*6.0mm

**PK:** 100sets /pk



**Item:** GS75AACT6540

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:75ul,Size:: $\Phi$ 6.5\*4.0mm ,  
replace TA 960070.901

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS70AACM6045

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:100ul,Size:  $\Phi$ 6.0\*4  
mm ;replace Mettler ME-51119872

**PK:** 100sets /pk



**Item:** GS150AACM8045

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:150ul,Size:: $\Phi$ 8.0\*4.5mm ,  
replace Mettler ME-00024124

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS80AACN6740

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:80ul,Size:: $\Phi$ 6.7\*4.0mm

**PK:** 100sets /pk



**Item:** GS160AACN6480

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:160ul,Size:: $\Phi$ 6.4\*8.0mm

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS50AACSM5040

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:50ul,Size:: $\Phi$ 5.0\*4.0mm

**PK:** 100sets /pk



**Item:** GS100AACSM5080

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES with  
Lid, Capacity:100ul,Size:: $\Phi$ 5.0\*8.0mm

**PK:** 100sets /pk

# Thermal Analysis Crucible



## DSC & TGA AL SAMPLE PANS /THERMAL ANALYSIS CRUCIBLES



**Item:** GS50AACG7018NL

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES without  
Lid, Capacity:50ul,Size:: $\Phi$ 7.0\*1.8mm

**PK:** 100pcs /pk



**Item:** GS100ALCG7524NL

**Spec:**

DSC & TGA Alumina SAMPLE PANS  
/THERMAL ANALYSIS CRUCIBLES  
without Lid,  
Capacity:100ul,Size:: $\Phi$ 7.5\*2.4mm

**PK:** 100pcs /pk