



ALUMINA Crucible

— TGA / DSC, Laboratory & Melting Solutions



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About ADCERAX

Powered by **HUNAN ATCERA CO.,LTD** – A Trusted Innovator in Advanced Ceramics Since 2010 ,**HUNAN ATCERA CO. Ltd** has been deeply engaged in the field of advanced ceramics for 20 years, and has production experience of more than 2000 precision ceramic products. We focus on the material of alumina ceramics, zirconia ceramics, silicon carbide ceramics, silicon nitride ceramics, aluminum nitride ceramics and quartz, etc., and aim to provide you with advanced ceramics one-stop service.

Adcerax delivering bespoke advanced ceramic solutions for industries where precision and durability matter. And has become a leading global China supplier of alumina ceramic crucibles, with products exported to the United States, Germany, Japan, South Korea, and many other countries.

Our Expertise



Engineering Support: Professional product engineers providing timely technical assistance from design to production.



Customization Capability: Accepting small-batch custom orders based on customer drawings or samples.



Rapid Delivery: Quick shipping for custom orders and 24-hour dispatch for in-stock standard products.



Supply Chain Integration: One-stop customization and procurement services leveraging China's supply chain advantages.



ADCERAX Promise

Your ROI Starts from Day One

-  37% Lifespan: Industry Standards Verified by SGS Third-Party Testing in Extreme Thermal Shock Environments
-  22% Downtime: Reduce unplanned downtime with ceramic component life enhancement
-  15 days fast response: From drawing confirmation to functional prototype delivery
-  12 months warranty: Unconditional return of quality problems to factory for remanufacturing + process optimization report



Our Certifications



Product Range & Selection Overview

ADCERAX supplies standard and custom alumina crucibles in multiple structures. The five sub-products below cover most laboratory, pilot-scale and thermal-analysis use cases.



01 Rectangular

Fits shelf or tray-style loading. Suitable for parallel batch calcination, ash tests and pilot furnaces where space efficiency matters.

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99% / 99.5% / 99.7%
Up to 1730°C



03 Cylindrical

General-purpose geometry for stable temperature fields, repeatable heating and easy handling in laboratories and industrial furnaces.

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99% / 99.5% / 99.7%
Approx. 1650–1750°C



02 With lid / cover

Improves splash control, vapor retention and repeatability in covered heating, LOI, melting and thermal analysis.

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99% / 99.5% / 99.7%
Typical 1700–1750°C



04 TGA crucible

Micro-cup format for thermogravimetric analysis with controlled tare, holder fit and optional lids for volatile samples.

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≥99% Al_2O_3
Up to 1730°C



05 DSC crucible

Flat-bottom alumina pan for stable heat flow, elevated-temperature programs and reactive samples beyond aluminum-pan limits.

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99% / 99.5% / 99.7%
Custom ±0.1 mm

WHY CHOOSE OUR ALUMINA CERAMIC CRUCIBLES?

Our alumina crucibles combine high-temperature resistance, flexible capacity options, and precise machining for laboratory and thermal processing applications. With operating temperatures up to 1730°C , sizes from 3 ml to 4000 ml, and tolerance up to ± 0.1 mm, they suit both standard and custom use.

High temperature capability

Available alumina grades support typical maximum operating temperatures from 1450°C to 1730°C , with 99.7% grade reaching the highest standard use temperature.



Low contamination risk

Dense $\alpha\text{-Al}_2\text{O}_3$ with low open porosity helps minimize reaction with many powders, salts and test materials.



Stable geometry

Machining up to ± 0.1 mm helps keep wall thickness, rim fit and sample positioning more consistent in repeat processes.



Atmosphere control options

Stepped lids, vented lids and matched cover materials improve vapor control and reduce splash or draft effects.



Compliance-friendly grades

Material grades are aligned with IEC 60672-3 classifications such as C-786, C-795 and C-799.



Global OEM Supply

Factory-direct pricing, 24h dispatch for standard sizes

Alumina Ceramic Crucible Properties

Property	Unit	99.7% Al_2O_3	99.5% Al_2O_3	99% Al_2O_3	96% Al_2O_3
Color		Ivory White	Ivory White	Ivory White	Ivory White
Density	g/cm^3	3.94	3.9	3.83	3.75
Water Absorption	%	0	0	0	0
Hardness	Mohs Hardness	9.1	9	9	8.8
Flexural Strength (20°C)	Mpa	330	320	300	260
Compressive Strength (20°C)	Mpa	2300	2300	2210	1910
Maximum Operating Temperature	°C	1730	1700	1680	1600
Thermal Expansion Coefficient (25°C to 800°C)	$10^{-6}/^\circ\text{C}$	7.6	7.6	7.6	7.6
Thermal Conductivity (25°C)	$\text{W}/(\text{m}\cdot\text{K})$	29	27	24	22
Dielectric Strength (5mm thickness)	AC-kv/mm	22	21	19	15
Dielectric Loss at 25°C@1MHz	---	< 0.0001	< 0.0001	0.0003	0.0004
Dielectric Constant at 25°C@1MHz	---	9.8	9.7	9.5	9.2
Volume Resistivity (20°C)	$\Omega\cdot\text{cm}^3$	$>10^{14}$	$>10^{14}$	$>10^{14}$	$>10^{14}$
Volume Resistivity (300°C)	$\Omega\cdot\text{cm}^3$	$2*10^{12}$	$2*10^{12}$	$4*10^{11}$	$2*10^{11}$

01 Rectangular Alumina Crucible

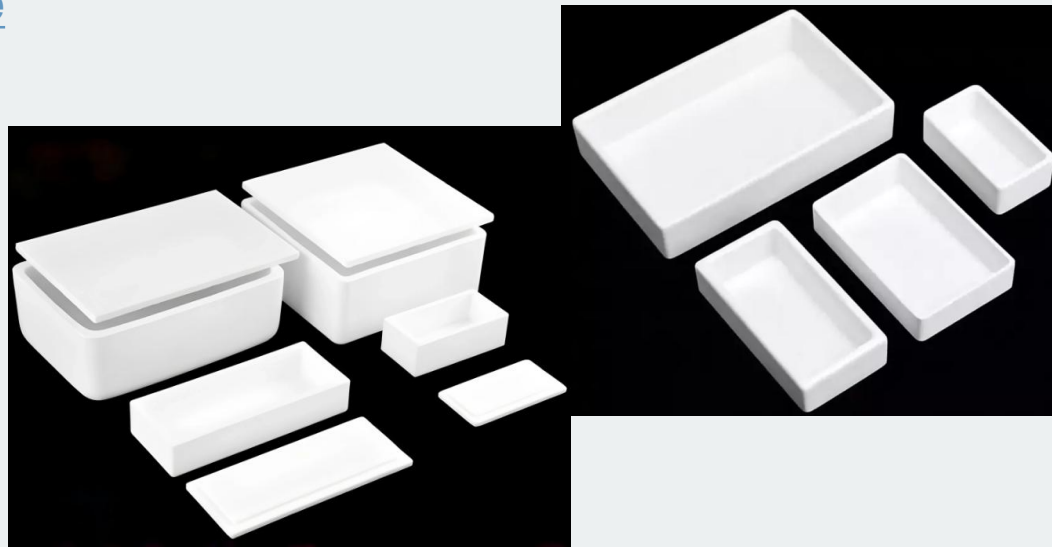
High-Temperature Rectangular Alumina Crucible

SPECIFICATIONS

Al_2O_3 Purity	99% – 99.7%
Max Temperature	1680°C – 1730°C
Volume Range	0.9 ml – 20000 ml+
Shape Options	Rectangular / Square
Customization	Custom sizes and matching lids available

APPLICATIONS

Thermal Analysis · Batch Calcination · Ashing · Powder Metallurgy · Ceramic Sintering · Chemical Analysis

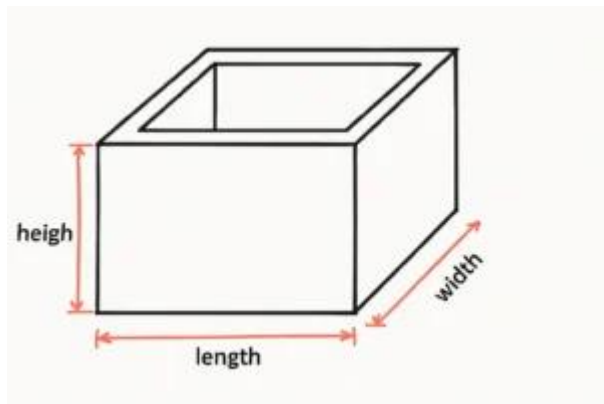


KEY FEATURES

- 1 Rectangular footprint improves tray loading efficiency for parallel processing
- 2 Custom wall thickness and corner radius help maintain shape during heat cycling
- 3 Matching lids help reduce volatilization and support controlled atmospheres
- 4 High-purity alumina helps reduce contamination in oxides, salts, and alloy testing

Rectangular Alumina Crucible Size:

Type 1- Rectangular Alumina Crucible



Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-93	0.9	45	8	6
TE-AS-018	2.6	70	12	7
TE-AS-005	2.8	50	10	10
TE-ASJ-92	3	25	15	15
TE-AS-006	3.6	50	12	10
TE-AS-027	3.6	80	10	10
TE-AS-001	4.2	27.5	23	10
TE-AS-001-1	4.5	20	20	17
TE-AS-005-9	4.5	20	20	17
TE-ASJ-91	4.5	20	20	17
TE-AS-036	5.8	100	10	10
TE-AS-020	6.2	75	15	10
TE-AS-002	6.7	30	20	16
TE-AS-002-1	7.1	30	20	17
TE-ASJ-93	0.9	45	8	6
TE-AS-018	2.6	70	12	7

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-90	7.1	30	20	17
TE-AS-008	7.7	50	25	10
TE-AS-005-2	8.5	42	22	13
TE-ASJ-89	8.8	50	25	10
TE-AS-005-1	9.2	45	22	13
TE-AS-021	11.9	75	18	14
TE-AS-035-6	13.2	98	18	12
TE-AS-005-4	13.2	50	20	20
TE-AS-005-5	13.2	50	28	14
TE-AS-043-4	14	100	35	6
TE-AS-016-6	14.7	61	47	8
TE-ASJ-88	14.8	50	20	20
TE-AS-016-2	15.3	60	25	15
TE-AS-016-9	17.5	60	30	14
TE-ASJ-86	18	60	30	15
TE-ASJ-90	7.1	30	20	17

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-87	18	70	30	15
TE-AS-017	18.5	65	23	18
TE-AS-016-3	18.9	60	30	15
TE-AS-029-2	19.4	85	34	10
TE-AS-039	20	100	20	15
TE-AS-022	20.4	75	20	20
TE-AS-016-13	20.6	65	30	15
TE-AS-005-8	20.8	30	30	30
TE-AS-013	21.2	52	25	23
TE-AS-019-5	22.3	70	30	15
TE-ASJ-85	26	50	25	35
TE-AS-052	26	110	24	17
TE-AS-015	26.2	60	30	20
TE-AS-016	26.2	60	40	15
TE-AS-016-10	26.2	60	30	20
TE-ASJ-87	18	70	30	15

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-039-1	26.2	100	25	15
TE-AS-035-5	26.8	95	25	16
TE-AS-065	27	150	20	20
TE-AS-070	27	200	150	5
TE-ASJ-84	28	100	20	20
TE-ASJ-83	28.5	60	30	20
TE-AS-051-10	29.2	100	20	21
TE-AS-005-6	29.8	50	40	20
TE-ASJ-81	31	110	24	17
TE-AS-012	31.9	50	25	35
TE-ASJ-80	32	100	50	10
TE-ASJ-79	32.2	50	40	20
TE-AS-061-2	33	120	30	15
TE-AS-011-4	33	55	40	20
TE-ASJ-78	34	55	40	20
TE-AS-016-8	34	65	35	20

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-051-1	35.3	100	50	10
TE-ASJ-77	38	120	30	15
TE-AS-054-3	39	113	30	18
TE-AS-019-3	39.2	70	37	20
TE-AS-003	39.4	35	35	40
TE-AS-027-3	41	80	40	17
TE-ASJ-76	43.9	60	30	30
TE-ASJ-74	44	70	30	30
TE-AS-041	44.9	100	30	20
TE-AS-019-2	48	70	30	30
TE-AS-005-7	48.7	50	50	25
TE-ASJ-73	50	50	50	25
TE-AS-004	52.7	40	40	40
TE-AS-051	54.9	100	48	15
TE-AS-038-4	57.4	100	30	25
TE-ASJ-72	61	100	40	20

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-024	65.5	75	75	15
TE-AS-051-12	65.7	100	40	21
TE-AS-051-2	69.9	100	30	30
TE-ASJ-71	70	75	75	15
TE-ASJ-70	70	100	30	30
TE-AS-044	70.7	100	50	18
TE-AS-070-26	72	250	35	15
TE-AS-034-4	72.2	90	60	17
TE-AS-070-31	75	400	20	20
TE-ASJ-69	78	65	65	25
TE-ASJ-68	84	65	65	30
TE-AS-031	86.7	90	60	20
TE-ASJ-67	91.7	90	60	20
TE-AS-061-3	92	120	60	18
TE-ASJ-63	100	65	65	35
TE-ASJ-64	100	100	50	30

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-65	100	120	60	20
TE-AS-011	101.6	50	50	50
TE-AS-016-11	104.2	65	65	30
TE-AS-061-4	105	120	60	20
TE-AS-016-7	108.5	62	38	57
TE-AS-029-6	111	95	65	22
TE-AS-062-5	117	120	60	22
TE-AS-064-4	118	150	40	30
TE-AS-019-1	122	70	70	30
TE-AS-021-1	122.8	65	65	35
TE-AS-051-4	123.6	100	50	30
TE-AS-054-4	126	118	100	15
TE-AS-062-7	129	120	100	15
TE-ASJ-62	136	120	100	15
TE-AS-029	138.3	85	65	30
TE-AS-064-5	141	150	40	35

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-61	141	150	40	30
TE-AS-025	141.1	75	75	30
TE-AS-019	143.7	70	70	35
TE-AS-034	146.9	90	65	30
TE-ASJ-60	150	70	70	30
TE-AS-045	150.5	100	60	30
TE-AS-070-32	152	800	20	20
TE-AS-032	158.9	90	60	35
TE-ASJ-59	160	100	100	20
TE-AS-029-1	161.7	80	80	30
TE-AS-023	163.6	75	52	50
TE-AS-043-2	165.9	100	100	20
TE-AS-035-4	166.2	98	72	28
TE-ASJ-58	168	150	40	35
TE-ASJ-57	173	90	60	40
TE-AS-046	177.4	100	70	30

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-55	180	80	80	40
TE-ASJ-56	180	90	90	30
TE-AS-034-3	183	90	60	40
TE-AS-027-4	183.7	85	85	30
TE-ASJ-51	197	90	60	45
TE-ASJ-50	200	80	85	40
TE-AS-067-5	204	175	55	30
TE-ASJ-49	207	100	100	25
TE-AS-034-1	207.1	90	90	30
TE-AS-034-5	207.1	90	60	45
TE-AS-051-5	212	100	100	25
TE-AS-026	216.8	75	75	45
TE-AS-026-2	219.5	80	80	40
TE-ASJ-48	220	85	85	40
TE-AS-062-2	221	120	120	20
TE-ASJ-47	223	92	63	47

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-061-5	228	120	60	40
TE-AS-061-6	228	120	80	30
TE-ASJ-46	233	120	60	40
TE-AS-034-6	233.6	92	63	47
TE-AS-026-3	233.9	80	85	40
TE-ASJ-45	234	175	55	30
TE-ASJ-44	243	120	80	30
TE-AS-054-7	247	115	90	30
TE-AS-030	249.3	85	85	40
TE-AS-054-6	250	115	115	24
TE-ASJ-43	255	115	90	30
TE-ASJ-42	260	100	100	35
TE-AS-054-2	270	115	65	45
TE-ASJ-40	280	90	90	45
TE-ASJ-41	280	120	80	40
TE-AS-034-2	281	90	90	40

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-39	284	115	65	45
TE-AS-055	285	110	80	40
TE-AS-057	291	120	75	40
TE-ASJ-38	300	100	100	40
TE-AS-048	304.1	100	100	35
TE-AS-061	312	120	80	40
TE-AS-029-4	318	90	90	45
TE-AS-053-1	346	110	110	35
TE-ASJ-37	350	115	115	35
TE-AS-051-6	350.2	100	100	40
TE-AS-062	351	120	120	30
TE-AS-069-5	371	200	100	25
TE-AS-061-1	380	115	115	35
TE-AS-049	396.3	100	100	45
TE-AS-070-27	406	178	85	35
TE-ASJ-36	407	200	100	25

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-35	424	100	100	50
TE-ASJ-34	470	100	100	55
TE-AS-064-3	488	145	145	30
TE-AS-051-8	488.4	100	100	55
TE-ASJ-33	516	100	100	60
TE-ASJ-32	520	140	140	38
TE-AS-064-7	524	150	150	30
TE-AS-067-2	528	160	120	35
TE-ASJ-31	530	145	145	30
TE-AS-051-9	534.5	100	100	60
TE-ASJ-29	550	120	120	50
TE-ASJ-30	550	140	140	37
TE-ASJ-28	554	150	150	30
TE-ASJ-27	561	160	120	35
TE-AS-064-1	575	140	140	35
TE-AS-062-10	611	140	140	37

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-062-9	611	120	120	50
TE-AS-064-8	625	150	150	35
TE-AS-064	664	140	140	40
TE-ASJ-26	700	200	100	50
TE-AS-062-3	718	120	100	70
TE-ASJ-25	730	260	75	50
TE-AS-064-14	732	150	120	50
TE-AS-062-11	754	140	140	45
TE-AS-070-15	777	260	75	50
TE-AS-050-1	791	155	120	50
TE-AS-050	811	100	100	90
TE-AS-069-6	813	200	100	50
TE-ASJ-23	850	150	150	50
TE-AS-064-2	988	150	150	53
TE-ASJ-22	996.1	160	160	45
TE-ASJ-20	1000	150	110	80



Rectangular Alumina CrucibleSize:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-21	1000	160	160	50
TE-AS-070-30	1025	360	120	30
TE-AS-067-1	1063	160	160	50
TE-AS-064-9	1101	150	110	80
TE-AS-064-11	1129	150	150	60
TE-ASJ-19	1150	305	90	57
TE-ASJ-18	1175	150	150	60
TE-AS-062-12	1203	140	140	70
TE-AS-070-20	1227	305	90	57
TE-ASJ-16	1273	120	120	100
TE-AS-070-13	1324	250	160	40
TE-AS-067-6	1361	180	180	50
TE-AS-059-2	1371	130	120	100
TE-ASJ-15	1430	160	120	85
TE-ASJ-13	1500	180	180	60
TE-ASJ-14	1500	200	200	50

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-064-13	1532	150	150	80
TE-AS-069-7	1634	200	120	80
TE-ASJ-11	1650	240	170	50
TE-AS-067-7	1657	180	180	60
TE-ASJ-10	1680	200	120	80
TE-AS-069-9	1696	200	200	50
TE-AS-070-7	1729	240	170	50
TE-AS-067	1756	160	160	80
TE-AS-043-3	1824.8	100	400	50
TE-AS-064-6	1907	150	100	150
TE-AS-070-21	2079	340	220	35
TE-AS-067-4	2327	160	140	120
TE-AS-070-24	2473	224	224	57
TE-ASJ-7	2500	250	155	80
TE-ASJ-6	2600	200	200	80
TE-AS-070-9	2612	250	150	80

Rectangular Alumina Crucible Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-ASJ-4	3200	220	220	80
TE-AS-070-17	3205	300	180	70
TE-ASJ-3	3300	200	200	100
TE-AS-070-29	3362	300	210	61
TE-AS-070-6	3416	220	220	80
TE-AS-070-16	3451	300	150	90
TE-AS-070-3	3539	200	200	100
TE-ASJ-2	3566	300	150	90
TE-AS-070-18	4133	300	200	80
TE-AS-070-8	4451	250	250	80
TE-AS-069-11	5000	250	250	100
TE-AS-069-10	5100	340	220	35
TE-AS-069-91	5250	250	200	125
TE-AS-069-8	5344	200	150	200
TE-AS-070-25-1	5400	200	150	200
TE-AS-070-12	5622	250	200	125

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-070-14	5622	250	250	100
TE-AS-070-22-1	7465	330	330	80
TE-AS-070-23-1	15760	330	330	160



02 Alumina Cylindrical Crucible

Reliable Cylindrical Crucibles for High-Temperature Processing

SPECIFICATIONS

Al_2O_3 Purity	99% – 99.7%
Max Temperature	1680°C – 1730°C
Volume Range	0.5 ml – 30000ml+
Structure	Straight-Walled Cylinder
Customization	Custom sizes and lid options available

APPLICATIONS

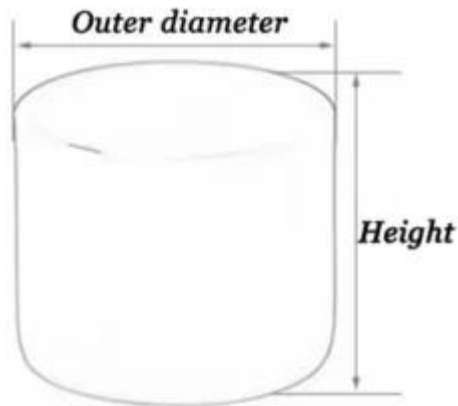
Melting · Ashing · Calcination · Material Heating · Laboratory Testing · Industrial Furnaces



KEY FEATURES

- 1 Uniform cylindrical shape supports more consistent heating across the sample
- 2 Straight walls and good concentricity improve fixture fit and repeatability
- 3 High-purity alumina helps reduce reaction and contamination during testing
- 4 Optional lids help reduce volatilization and support stable heating atmospheres

Alumina Cylindrical Crucible Size:



Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-070	0.5	20	4
TE-AC-071	0.7	12	8
TE-AC-071-1	0.8	12	12
TE-AC-072	0.9	12	10
TE-AC-073	1	20	5
TE-AC-074	1	12	10
TE-AC-075	1	18	5
TE-AC-076	1	18	8
TE-AC-077	1	10	15
TE-AC-078	1	11	20
TE-AC-079	1.5	12	20
TE-AC-080	1.5	12	25
TE-AC-081	1.5	9	40
TE-AC-082	1.5	13	25
TE-AC-083	2	10	25
TE-AC-083-1	2	20	20

Alumina Cylindrical Crucible Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-086	2	12	39
TE-AC-083-2	2.5	22	20
TE-AC-087	3	18	18
TE-AC-088	3	16	28
TE-AC-088-1	3	12.7	25
TE-AC-088-2	3	14	31
TE-AC-088-3	3	15	5
TE-AC-088-5	3	15	20
TE-AC-089	3	15	75
TE-AC-090	3	10	30
TE-AC-091	3.4	17	21
TE-AC-091-1	4	14	44
TE-AC-092	4	20	20
TE-AC-093	5	32	10
TE-AC-094	5	12	60
TE-AC-094-1	5	10	40

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-094-3	5	11.5	50
TE-AC-094-4	5	11.5	15
TE-AC-095	5	11	20
TE-AC-096	5	10.5	20
TE-AC-097	5	20	30
TE-AC-098	5	15	50
TE-AC-099	5	28	17
TE-AC-099-1	5	35	8.5
TE-AC-100	5	16	50
TE-AC-101	5	54	8
TE-AC-102	5.4	17	37
TE-AC-103	6	16	60
TE-AC-104	6	17	40
TE-AC-104-1	6	16	56
TE-AC-105	6	19	35
TE-AC-105-1	6	16	80

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-105-2	6	20	30
TE-AC-108	7	22	25
TE-AC-106	8	25	25
TE-AC-109	9	20	40
TE-AC-109-1	10	19	58
TE-AC-109-2	10	20	50
TE-AC-110-1	10	25	30
TE-AC-110-2	10	30	28
TE-AC-112	10	19	100
TE-AC-113	10.2	22	36
TE-AC-083-3	15	30	30
TE-AC-114	15	47	13
TE-AC-114-1	15	23	60
TE-AC-115	15	30	30
TE-AC-115-1	15	47	13
TE-AC-115-2	15	30	30

Alumina Cylindrical Crucible Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-115-3	15	30	30
TE-AC-116	20	35	35
TE-AC-117	20	25	60
TE-AC-118	20	25	60
TE-AC-118-1	20	35	30
TE-AC-119	20	28	58
TE-AC-119-2	25	35	35
TE-AC-121	25	28	58
TE-AC-122	30	30	60
TE-AC-123	30	36	45
TE-AC-123-1	30	40	32
TE-AC-124	30	40	35
TE-AC-124-1	30	30	60
TE-AC-124-3	34	26	82
TE-AC-124-4	35	40	40
TE-AC-125	35	40	40

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-111	36	40	40
TE-AC-124-7	40	40	50
TE-AC-126	40	35	58
TE-AC-126-1	40	50	30
TE-AC-110	45	40	50
TE-AC-127	45	42	45
TE-AC-127-2	45	35	65
TE-AC-127-3	45	40	50
TE-AC-128	45	35	70
TE-AC-131-2	45	50	100
TE-AC-128-1	50	40	60
TE-AC-129	50	30	100
TE-AC-107	55	40	60
TE-AC-130	60	40	70
TE-AC-131	60	50	50
TE-AC-132	65	35	100

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-134	75	45	65
TE-AC-136	80	75	27
TE-AC-134-1	80	75	27
TE-AC-135	80	37	69
TE-AC-137	80	60	40
TE-AC-135-4	85	50	60
TE-AC-138	85	50	60
TE-AC-135-5	90	35	120
TE-AC-131-3	110	50	120
TE-AC-138-1	110	60	60
TE-AC-138-2	110	40	120
TE-AC-119-4	115	40	120
TE-AC-119-5	115	47	85
TE-AC-141	120	90	35
TE-AC-139	120	50	80
TE-AC-140	120	60	60

Alumina Cylindrical Crucible Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-141	120	90	35
TE-AC-142	125	41	137
TE-AC-124-10	130	60	60
TE-AC-131-6	130	60	60
TE-AC-143	130	60	60
TE-AC-143-1	130	65	45
TE-AC-143-2	130	75	30
TE-AC-144	130	45	110
TE-AC-145	130	60	60
TE-AC-145-1	130	45	110
TE-AC-084	150	37	175
TE-AC-146	150	50	100
TE-AC-146-1	160	90	35
TE-AC-124-5	170	90	35
TE-AC-146-2	170	70	70
TE-AC-146-3	170	48	120

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-147	170	65	65
TE-AC-160-8	175	90	35
TE-AC-148	180	59	87
TE-AC-124-11	195	60	90
TE-AC-151	200	100	35
TE-AC-152	200	100	40
TE-AC-149	200	55	90
TE-AC-149-1	200	100	40
TE-AC-149-2	200	45	150
TE-AC-150	200	60	100
TE-AC-151	200	100	35
TE-AC-152	200	100	40
TE-AC-154-2	200	70	70
TE-AC-124-12	215	60	100
TE-AC-132-1	215	70	70
TE-AC-153	215	70	70

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-124-6	220	95	40
TE-AC-152-1	220	50	150
TE-AC-152-2	220	60	120
TE-AC-152-3	220	55	120
TE-AC-131-4	225	55	120
TE-AC-160-9	230	95	40
TE-AC-119-1	250	60	115
TE-AC-154	250	60	120
TE-AC-154-1	250	90	60
TE-AC-124-13	260	60	120
TE-AC-165-1	260	100	40
TE-AC-165-4	260	105	40
TE-AC-174-6	260	60	120
TE-AC-124-14	270	70	90
TE-AC-119-3	300	90	60
TE-AC-131-5	300	55	170

Alumina Cylindrical Crucible Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-155	300	95	60
TE-AC-156	300	70	100
TE-AC-156-1	300	80	80
TE-AC-157	300	80	80
TE-AC-154-3	320	60	170
TE-AC-124-16	330	75	95
TE-AC-135-1	330	80	80
TE-AC-158	330	80	80
TE-AC-120	350	80	80
TE-AC-159	350	80	80
TE-AC-159-1	350	90	30
TE-AC-159-2	350	70	120
TE-AC-154-4	370	65	150
TE-AC-160-5	380	80	100
TE-AC-119-6	400	85	85
TE-AC-160	400	70	120

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-160-1	400	66	150
TE-AC-160-4	400	85	85
TE-AC-161	400	85	85
TE-AC-160-2	450	90	90
TE-AC-160-3	450	90	90
TE-AC-135-2	480	90	90
TE-AC-162	480	90	90
TE-AC-124-8	500	95	90
TE-AC-160-10	500	95	90
TE-AC-164-1	500	80	130
TE-AC-174-10	500	80	120
TE-AC-165-10	510	95	95
TE-AC-124-9	550	95	95
TE-AC-160-11	550	95	95
TE-AC-163	600	100	100
TE-AC-164	600	100	100

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-124-15	630	70	210
TE-AC-165-11	630	100	100
TE-AC-165	650	100	100
TE-AC-165-2	650	100	100
TE-AC-165-12	750	88	150
TE-AC-165-5	800	110	100
TE-AC-166	800	115	110
TE-AC-167	800	80	200
TE-AC-135-3	880	100	100
TE-AC-168	880	110	110
TE-AC-160-6	950	80	250
TE-AC-123-2	1000	80	250
TE-AC-168-1	1000	115	155
TE-AC-169-5	1080	120	120
TE-AC-165-7	1100	120	120
TE-AC-169-1	1100	120	120

Alumina Cylindrical Crucible Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-160-7	1140	80	300
TE-AC-169	1140	120	120
TE-AC-124-2	1200	80	300
TE-AC-169-6	1200	110	150
TE-AC-169-7	1200	135	30
TE-AC-169-8	1200	135	110
TE-AC-165-3	1300	100	200
TE-AC-170	1300	115	155
TE-AC-178	1300	100	200
TE-AC-170-1	1400	130	130
TE-AC-169-2	1450	130	130
TE-AC-170-2	1450	130	130
TE-AC-165-6	1500	110	195
TE-AC-171	1500	125	150
TE-AC-165-8	1800	120	200
TE-AC-171-1	1800	140	140

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-169-3	1850	140	140
TE-AC-172	1850	140	140
TE-AC-173	2000	135	160
TE-AC-174	2000	135	200
TE-AC-174-1	2000	150	80
TE-AC-174-2	2000	170	165
TE-AC-180	2200	100	210
TE-AC-169-4	2250	150	150
TE-AC-173-1	2250	160	160
TE-AC-174-11	2250	150	150
TE-AC-181	2600	140	200
TE-AC-174-3	2700	150	180
TE-AC-165-9	3300	130	300
TE-AC-175	3350	170	170
TE-AC-176	4000	180	180
TE-AC-174-8	5400	185	240

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-174-9	5500	200	200
TE-AC-177	5500	200	200
TE-AC-174-5	5700	120	600
TE-AC-174-7	6000	176	280
TE-AC-173-2	7400	220	220
TE-AC-178-1	7400	220	220
TE-AC-179	9700	240	240
TE-AC-174-4	23000	315	315

03 Alumina Crucible With Lid/Cover

Covered Alumina Crucibles for More Controlled Heating

SPECIFICATIONS

Al ₂ O ₃ Purity	99% – 99.7%
Max Temperature	1680°C – 1730°C
Cover Type	Matching Lid / Cover
Structure Options	Rectangular and other custom forms
Customization	Stock capacities and custom-machined sizes available

APPLICATIONS

Ashing · Melting · Thermal Analysis · Controlled Heating · Laboratory Testing · Furnace Use

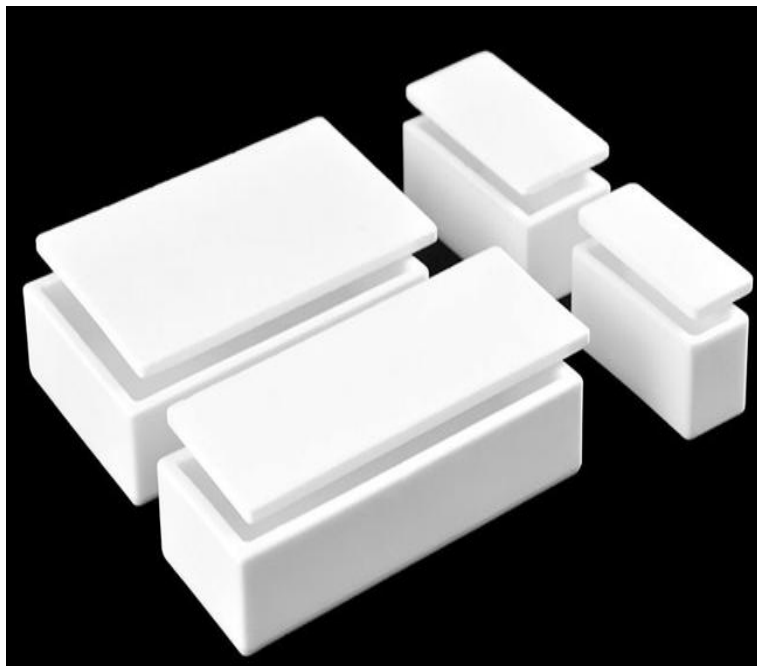


KEY FEATURES

- 1 Matching lid helps reduce convection and volatilization during heating
- 2 Covered cavity lowers splash and airborne contamination risk
- 3 Lid design helps improve repeatability in TGA and ash testing
- 4 More uniform thermal field supports controlled sample heating

Rectangular Alumina Crucible with Lid Size:

Type 1- Rectangular Alumina Crucible with Lid



Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-182	1	45	8	6
TE-AS-149	1.3	45	8	6
TE-AS-183	3	25	15	15
TE-AS-148	4	25	15	15
TE-AS-171	4	20	20	17
TE-AS-125	7	30	20	17
TE-AS-172	9	50	25	10
TE-AS-116-1	15	50	20	20
TE-AS-117	15.7	50	20	21
TE-AS-126	17	50	20	23
TE-AS-128	21	60	30	15
TE-AS-184	26	50	25	35
TE-AS-115	28	60	30	20
TE-AS-116	29	60	30	21
TE-AS-129	31	60	30	23
TE-AS-109-3	34	100	20	23

Rectangular Alumina Crucible with Lid Size:

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-112	31	100	20	20
TE-AS-137	32	100	20	21
TE-AS-127	32	50	40	20
TE-AS-150	35	50	25	35
TE-AS-185	40	50	50	25
TE-AS-130	44	60	30	30
TE-AS-111	48	100	30	20
TE-AS-110	66	100	40	20
TE-AS-186	68	65	65	25
TE-AS-131	70	75	75	15
TE-AS-173	75	100	30	30
TE-AS-187	84	65	65	30
TE-AS-115	92	90	60	20
TE-AS-188	110	70	70	30
TE-AS-142	110	120	60	18
TE-AS-189	115	65	65	35

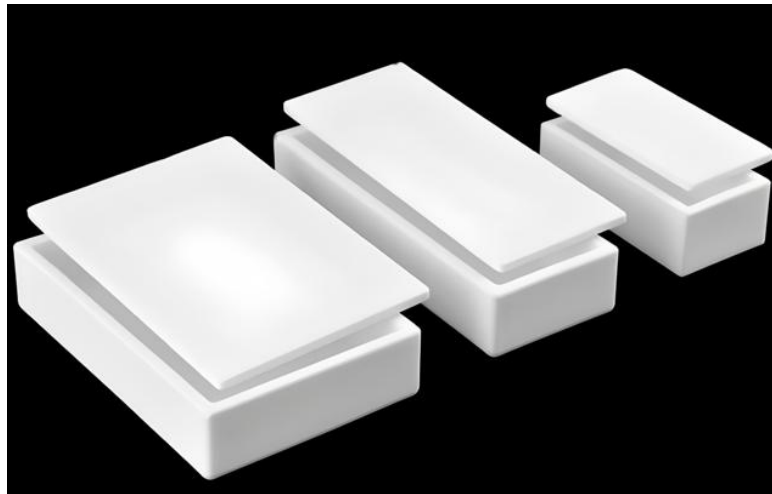
Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-108-2	123	120	60	20
TE-AS-140	130	100	50	30
TE-AS-190	150	100	100	25
TE-AS-112	154	90	65	30
TE-AS-191	170	90	90	30
TE-AS-114	191	90	60	40
TE-AS-135	216	90	60	45
TE-AS-132	228	80	80	40
TE-AS-108-1	257	120	60	40
TE-AS-145	257	120	80	30
TE-AS-192	260	100	100	35
TE-AS-136	329	90	90	45
TE-AS-193	330	115	115	35
TE-AS-146	347	120	80	40
TE-AS-141	362	100	100	40
TE-AS-194	370	200	100	25



 Rectangular Alumina Crucible with Lid Size:

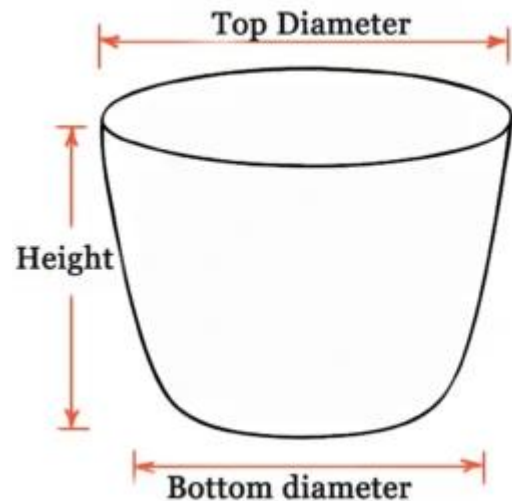
Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-196	510	120	120	50
TE-AS-197	520	140	140	38
TE-AS-174	550	100	100	60
TE-AS-162	616	150	150	30
TE-AS-198	750	150	150	50
TE-AS-199	800	200	100	50
TE-AS-147	1072	160	160	45
TE-AS-176	1264	150	150	60
TE-AS-175	1286	140	140	70
TE-AS-200	1460	180	180	60
TE-AS-201	1480	200	200	50
TE-AS-177	1696	150	150	80
TE-AS-202	2400	250	155	80
TE-AS-203	2600	200	200	80
TE-AS-204	2830	300	180	70
TE-AS-178	3823	200	200	100

Item NO.	Volume(ml)	Length (mm)	Width (mm)	Height (mm)
TE-AS-179	6009	250	250	100
TE-AS-180	8394	330	330	80
TE-AS-181	16948	330	330	160



Alumina Conical Crucible with Cover Size:

Type 2: Alumina Conical Crucible with Cover



Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-001	1	15	10	7
TE-AC-002	1.5	20	15	9
TE-AC-003	2.5	37	35	5.5
TE-AC-003-1	3	20	16	17
TE-AC-004	3	17	11	25
TE-AC-005	3	20	16	17
TE-AC-006	4	25	14	20
TE-AC-006-1	4	22	14	24
TE-AC-006-2	4	25	19	18
TE-AC-007	4	22	14	24
TE-AC-008	4	25	19	18
TE-AC-008-1	5	26	18	21
TE-AC-009	5	25	18	22
TE-AC-009-1	5	26	18	21
TE-AC-010	7	28	21	13
TE-AC-010-1	8	24	16	32



 Alumina Conical Crucible with Cover Size:

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-011	10	28	20	27
TE-AC-011-1	10	30	20	28
TE-AC-011-2	10	29	18	34
TE-AC-012	10	30	18	30
TE-AC-013	9	38	28	17
TE-AC-013-1	10	28	20	32
TE-AC-013-2	15	31	21	35
TE-AC-014	10	30	20	28
TE-AC-015	15	32	21	35
TE-AC-016	15	35	21	30
TE-AC-016-1	10	29	18	34
TE-AC-016-2	20	36	23	41
TE-AC-017	19	34	20	38
TE-AC-017-1	20	36	23	41
TE-AC-018	20	34	24	39
TE-AC-018-1	20	38	24	35

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-019	20	35	18	35
TE-AC-020	20	38	20	29
TE-AC-021	20	38	24	35
TE-AC-022	25	36	22	42
TE-AC-023	25	39	24	38
TE-AC-023-1	30	38	25	45
TE-AC-023-2	25	39	24	35
TE-AC-023-3	30	45	27	39
TE-AC-023-4	40	46	30	40
TE-AC-023-5	30	38	25	45
TE-AC-024	30	37	24	45
TE-AC-025	30	39	24	49
TE-AC-026	30	45	27	39
TE-AC-027	30	46	25	40
TE-AC-027-1	40	45	30	46
TE-AC-028	40	46	30	40

Alumina Conical Crucible with Cover Size:

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-029	50	52	30	50
TE-AC-029-1	50	48	30	52
TE-AC-030	50	52	32	50
TE-AC-030-1	50	50	30	48
TE-AC-030-2	70	56	35	56
TE-AC-030-3	50	48	30	52
TE-AC-031	50	50	30	54
TE-AC-032	50	50	30	48
TE-AC-033	50	56	30	45
TE-AC-034	70	56	35	56
TE-AC-035	90	55	48	53
TE-AC-036	100	57	37	68
TE-AC-037	100	61	36	54
TE-AC-037-1	100	58	35	68
TE-AC-038	100	61	36	60
TE-AC-039	100	62	40	53

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-040	120	66	30	55
TE-AC-040-2	100	61	31	60
TE-AC-040-3	100	58	35	68
TE-AC-041	120	63	33	73
TE-AC-042	140	55	48	72
TE-AC-043	150	68	42	80
TE-AC-043-1	150	67	42	78
TE-AC-043-2	150	67	41	80
TE-AC-043-3	150	67	42	78
TE-AC-044	150	73	43	67
TE-AC-044-1	150	73	43	67
TE-AC-045	200	70	44	85
TE-AC-046	200	82	43	70
TE-AC-046-1	200	73	48	86
TE-AC-046-2	200	82	43	70
TE-AC-046-3	250	90	53	76

Alumina Conical Crucible with Cover Size:

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-047	200	83	48	86
TE-AC-048	250	75	51	93
TE-AC-049	250	90	53	76
TE-AC-049-1	200	73	48	86
TE-AC-049-2	300	83	52	106
TE-AC-050	300	83	52	106
TE-AC-051	300	88	53	85
TE-AC-051-1	350	82	56	112
TE-AC-051-2	350	99	50	82
TE-AC-051-3	300	83	52	106
TE-AC-052	400	75	56	122
TE-AC-053	400	80	58	108
TE-AC-054	400	86	49	135
TE-AC-055	500	86	50	140
TE-AC-055-1	500	100	60	118
TE-AC-055-2	500	108	62	108

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-055-3	800	113	83	150
TE-AC-056	500	100	60	118
TE-AC-057	500	108	62	108
TE-AC-057-1	350	87	54	102
TE-AC-058	600	88	54	145
TE-AC-059	600	100	68	118
TE-AC-060	600	100	65	128
TE-AC-060-1	750	112	70	132
TE-AC-061	750	112	70	132
TE-AC-062	800	113	62	140
TE-AC-063	850	100	68	150
TE-AC-063-1	750	112	70	132
TE-AC-063-2	1000	125	80	146
TE-AC-063-3	1500	140	90	170
TE-AC-063-4	1000	125	80	146
TE-AC-064	1000	120	75	143

Alumina Conical Crucible with Cover Size:

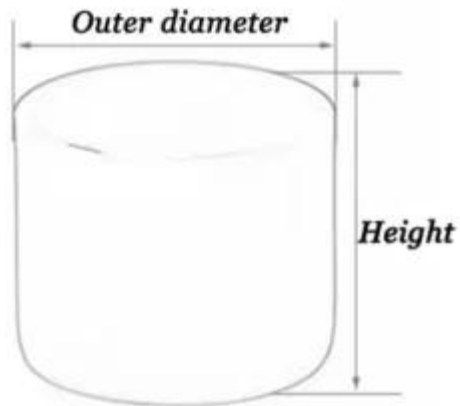
Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-064-1	1000	135	83	150
TE-AC-065	1250	112	75	160
TE-AC-066	1300	135	83	150
TE-AC-067	1350	120	80	155
TE-AC-068	1500	140	90	170
TE-AC-068-1	1500	140	90	170
TE-AC-068-2	3300	140	90	170
TE-AC-069	2000	150	93	200
TE-AC-070-1	2000	155	95	200
TE-AC-182	10	30	32	14
TE-AC-183	20	39	35	21
TE-AC-184	30	45	38	23
TE-AC-185	50	57	44	28
TE-AC-186	100	67	53	34
TE-AC-187	150	73	58	42
TE-AC-188	250	84	66	48

Item NO.	Volume(ml)	TOP Diameter(mm)	Bottom Diameter (mm)	Height(mm)
TE-AC-189	500	108	108	58
TE-AC-190	1200	140	116	90



Cylindrical Alumina Crucibles with Lid Size:

Type 3: Cylindrical Alumina Crucibles with Lid



Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-070	0.5	20	4
TE-AC-071	0.7	12	8
TE-AC-071-1	0.8	12	12
TE-AC-072	0.9	12	10
TE-AC-073	1	20	5
TE-AC-074	1	12	10
TE-AC-075	1	18	5
TE-AC-076	1	18	8
TE-AC-077	1	10	15
TE-AC-078	1	11	20
TE-AC-079	1.5	12	20
TE-AC-080	1.5	12	25
TE-AC-081	1.5	9	40
TE-AC-082	1.5	13	25
TE-AC-083	2	10	25
TE-AC-083-1	2	20	20

Cylindrical Alumina Crucibles with Lid Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-086	2	12	39
TE-AC-083-2	2.5	22	20
TE-AC-087	3	18	18
TE-AC-088	3	16	28
TE-AC-088-1	3	12.7	25
TE-AC-088-2	3	14	31
TE-AC-088-3	3	15	5
TE-AC-088-5	3	15	20
TE-AC-089	3	15	75
TE-AC-090	3	10	30
TE-AC-091	3.4	17	21
TE-AC-091-1	4	14	44
TE-AC-092	4	20	20
TE-AC-093	5	32	10
TE-AC-094	5	12	60
TE-AC-094-1	5	10	40

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-094-3	5	11.5	50
TE-AC-094-4	5	11.5	15
TE-AC-095	5	11	20
TE-AC-096	5	10.5	20
TE-AC-097	5	20	30
TE-AC-098	5	15	50
TE-AC-099	5	28	17
TE-AC-099-1	5	35	8.5
TE-AC-100	5	16	50
TE-AC-101	5	54	8
TE-AC-102	5.4	17	37
TE-AC-103	6	16	60
TE-AC-104	6	17	40
TE-AC-104-1	6	16	56
TE-AC-105	6	19	35
TE-AC-105-1	6	16	80

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-105-2	6	20	30
TE-AC-108	7	22	25
TE-AC-106	8	25	25
TE-AC-109	9	20	40
TE-AC-109-1	10	19	58
TE-AC-109-2	10	20	50
TE-AC-110-1	10	25	30
TE-AC-110-2	10	30	28
TE-AC-112	10	19	100
TE-AC-113	10.2	22	36
TE-AC-083-3	15	30	30
TE-AC-114	15	47	13
TE-AC-114-1	15	23	60
TE-AC-115	15	30	30
TE-AC-115-1	15	47	13
TE-AC-115-2	15	30	30

Cylindrical Alumina Crucibles with Lid Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-115-3	15	30	30
TE-AC-116	20	35	35
TE-AC-117	20	25	60
TE-AC-118	20	25	60
TE-AC-118-1	20	35	30
TE-AC-119	20	28	58
TE-AC-119-2	25	35	35
TE-AC-121	25	28	58
TE-AC-122	30	30	60
TE-AC-123	30	36	45
TE-AC-123-1	30	40	32
TE-AC-124	30	40	35
TE-AC-124-1	30	30	60
TE-AC-124-3	34	26	82
TE-AC-124-4	35	40	40
TE-AC-125	35	40	40

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-111	36	40	40
TE-AC-124-7	40	40	50
TE-AC-126	40	35	58
TE-AC-126-1	40	50	30
TE-AC-110	45	40	50
TE-AC-127	45	42	45
TE-AC-127-2	45	35	65
TE-AC-127-3	45	40	50
TE-AC-128	45	35	70
TE-AC-131-2	45	50	100
TE-AC-128-1	50	40	60
TE-AC-129	50	30	100
TE-AC-107	55	40	60
TE-AC-130	60	40	70
TE-AC-131	60	50	50
TE-AC-132	65	35	100

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-134	75	45	65
TE-AC-136	80	75	27
TE-AC-134-1	80	75	27
TE-AC-135	80	37	69
TE-AC-137	80	60	40
TE-AC-135-4	85	50	60
TE-AC-138	85	50	60
TE-AC-135-5	90	35	120
TE-AC-131-3	110	50	120
TE-AC-138-1	110	60	60
TE-AC-138-2	110	40	120
TE-AC-119-4	115	40	120
TE-AC-119-5	115	47	85
TE-AC-141	120	90	35
TE-AC-139	120	50	80
TE-AC-140	120	60	60

Cylindrical Alumina Crucibles with Lid Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-141	120	90	35
TE-AC-142	125	41	137
TE-AC-124-10	130	60	60
TE-AC-131-6	130	60	60
TE-AC-143	130	60	60
TE-AC-143-1	130	65	45
TE-AC-143-2	130	75	30
TE-AC-144	130	45	110
TE-AC-145	130	60	60
TE-AC-145-1	130	45	110
TE-AC-084	150	37	175
TE-AC-146	150	50	100
TE-AC-146-1	160	90	35
TE-AC-124-5	170	90	35
TE-AC-146-2	170	70	70
TE-AC-146-3	170	48	120

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-147	170	65	65
TE-AC-160-8	175	90	35
TE-AC-148	180	59	87
TE-AC-124-11	195	60	90
TE-AC-151	200	100	35
TE-AC-152	200	100	40
TE-AC-149	200	55	90
TE-AC-149-1	200	100	40
TE-AC-149-2	200	45	150
TE-AC-150	200	60	100
TE-AC-151	200	100	35
TE-AC-152	200	100	40
TE-AC-154-2	200	70	70
TE-AC-124-12	215	60	100
TE-AC-132-1	215	70	70
TE-AC-153	215	70	70

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-124-6	220	95	40
TE-AC-152-1	220	50	150
TE-AC-152-2	220	60	120
TE-AC-152-3	220	55	120
TE-AC-131-4	225	55	120
TE-AC-160-9	230	95	40
TE-AC-119-1	250	60	115
TE-AC-154	250	60	120
TE-AC-154-1	250	90	60
TE-AC-124-13	260	60	120
TE-AC-165-1	260	100	40
TE-AC-165-4	260	105	40
TE-AC-174-6	260	60	120
TE-AC-124-14	270	70	90
TE-AC-119-3	300	90	60
TE-AC-131-5	300	55	170

Cylindrical Alumina Crucibles with Lid Size:

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-155	300	95	60
TE-AC-156	300	70	100
TE-AC-156-1	300	80	80
TE-AC-157	300	80	80
TE-AC-154-3	320	60	170
TE-AC-124-16	330	75	95
TE-AC-135-1	330	80	80
TE-AC-158	330	80	80
TE-AC-120	350	80	80
TE-AC-159	350	80	80
TE-AC-159-1	350	90	30
TE-AC-159-2	350	70	120
TE-AC-154-4	370	65	150
TE-AC-160-5	380	80	100
TE-AC-119-6	400	85	85
TE-AC-160	400	70	120

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-160-1	400	66	150
TE-AC-160-4	400	85	85
TE-AC-161	400	85	85
TE-AC-160-2	450	90	90
TE-AC-160-3	450	90	90
TE-AC-135-2	480	90	90
TE-AC-162	480	90	90
TE-AC-124-8	500	95	90
TE-AC-160-10	500	95	90
TE-AC-164-1	500	80	130
TE-AC-174-10	500	80	120
TE-AC-165-10	510	95	95
TE-AC-124-9	550	95	95
TE-AC-160-11	550	95	95
TE-AC-163	600	100	100
TE-AC-164	600	100	100

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-124-15	630	70	210
TE-AC-165-11	630	100	100
TE-AC-165	650	100	100
TE-AC-165-2	650	100	100
TE-AC-165-12	750	88	150
TE-AC-165-5	800	110	100
TE-AC-166	800	115	110
TE-AC-167	800	80	200
TE-AC-135-3	880	100	100
TE-AC-168	880	110	110
TE-AC-160-6	950	80	250
TE-AC-123-2	1000	80	250
TE-AC-168-1	1000	115	155
TE-AC-169-5	1080	120	120
TE-AC-165-7	1100	120	120
TE-AC-169-1	1100	120	120

Cylindrical Alumina Crucibles with Lid Size:

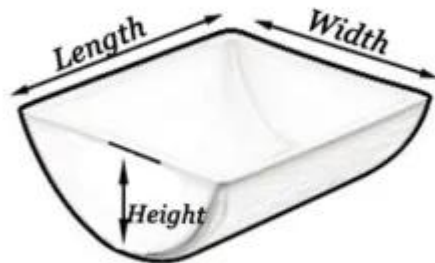
Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-160-7	1140	80	300
TE-AC-169	1140	120	120
TE-AC-124-2	1200	80	300
TE-AC-169-6	1200	110	150
TE-AC-169-7	1200	135	30
TE-AC-169-8	1200	135	110
TE-AC-165-3	1300	100	200
TE-AC-170	1300	115	155
TE-AC-178	1300	100	200
TE-AC-170-1	1400	130	130
TE-AC-169-2	1450	130	130
TE-AC-170-2	1450	130	130
TE-AC-165-6	1500	110	195
TE-AC-171	1500	125	150
TE-AC-165-8	1800	120	200
TE-AC-171-1	1800	140	140

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-169-3	1850	140	140
TE-AC-172	1850	140	140
TE-AC-173	2000	135	160
TE-AC-174	2000	135	200
TE-AC-174-1	2000	150	80
TE-AC-174-2	2000	170	165
TE-AC-180	2200	100	210
TE-AC-169-4	2250	150	150
TE-AC-173-1	2250	160	160
TE-AC-174-11	2250	150	150
TE-AC-181	2600	140	200
TE-AC-174-3	2700	150	180
TE-AC-165-9	3300	130	300
TE-AC-175	3350	170	170
TE-AC-176	4000	180	180
TE-AC-174-8	5400	185	240

Item NO.	Volume(ml)	Outer diameter(mm)	Height(mm)
TE-AC-174-9	5500	200	200
TE-AC-177	5500	200	200
TE-AC-174-5	5700	120	600
TE-AC-174-7	6000	176	280
TE-AC-173-2	7400	220	220
TE-AC-178-1	7400	220	220
TE-AC-179	9700	240	240
TE-AC-174-4	23000	315	315

Alumina Semi-Circle Crucible with Lid Size:

Type 4: Alumina Semi-Circle Crucible with Lid

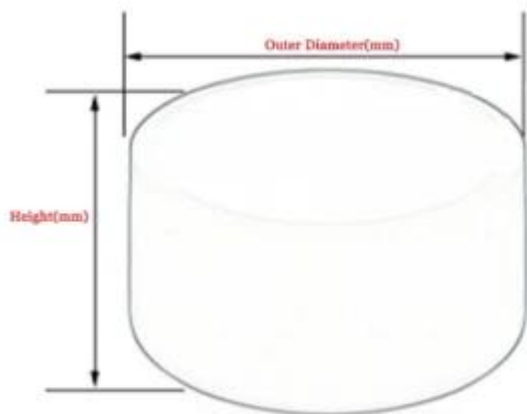


Item NO.	Length (mm)	Width (mm)	Height (mm)
TE-AS-099-12	60	30	15
TE-AS-119	100	40	25
TE-AS-120	100	40	20
TE-AS-123	100	20	15
TE-AS-124	60	54	24
TE-AS-124-2	100	20	20
TE-AS-124-3	100	30	20
TE-AS-124-4	100	50	30



Low Form Alumina Crucible with Lid Size:

Type 5: Low Form Alumina Crucible with Lid



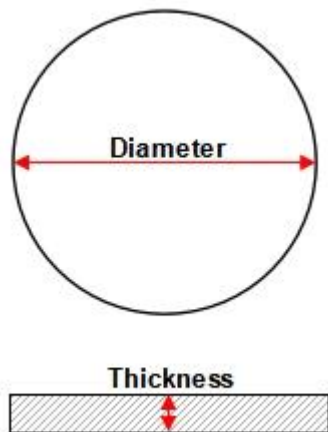
Item NO.	Volume (ml)	Outer diameter (mm)	Height (mm)
TE-AK-141	120	90	35
TE-AK-151	200	100	35
TE-AK-152	200	100	40
TE-AK-193	130	65	45
TE-AK-194	200	100	40

Item NO.	Volume (ml)	Outer diameter (mm)	Height (mm)
TE-AK-119	25	35	35
TE-AK-121	30	36	45
TE-AK-123	30	40	35
TE-AK-124	225	90	45
TE-AK-125	240	90	45
TE-AK-126	300	100	50
TE-AK-127	300	100	50
TE-AK-128	250	80	65
TE-AK-129	325	100	50
TE-AK-130	400	115	55
TE-AK-131	440	110	55
TE-AK-132	570	120	60
TE-AK-133	600	135	15
TE-AK-134	600	135	55
TE-AK-195	500	150	40
TE-AK-136	80	75	27



Alumina Crucible Lid Specifications:

Type 1: Alumina Circular Plate Lid

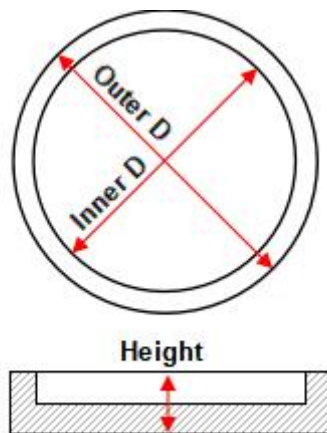


Item NO.	Diameter(mm)	Thickness(mm)
TE-AS-125	21	2
TE-AS-126	33	3
TE-AS-127	51	4
TE-AS-127-1	56	
TE-AS-127-2	65	
TE-AS-127-3	110	



Alumina Crucible Lid Specifications:

Type 2: Alumina covered Cover

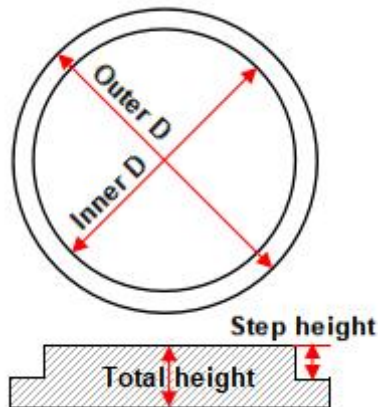


Item No.	Outer D(mm)	Inner D(mm)	Height (mm)
TE-AS-128	20	17	4
TE-AS-129	30	26	5
TE-AS-130	36	33	4
TE-AS-131	44	41	5
TE-AS-131-1	41	38	5
TE-AS-132	46	42	5
TE-AS-133	51	47	8
TE-AS-134-1	58	54	5
TE-AS-135	66	61	7
TE-AS-136	69	63	11
TE-AS-137	82	76	11
TE-AS-138	89	93	15
TE-AS-139	100	93	17



🎯 Alumina Crucible Lid Specifications:

Type 3: Alumina Circle Lid (inner buckle)

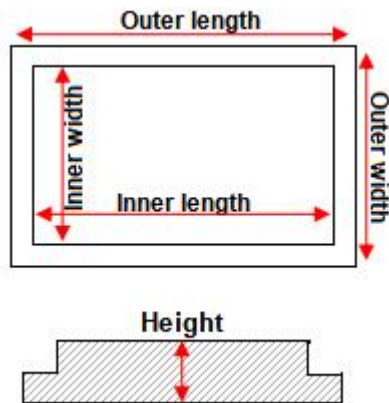


Item No.	Outer D(mm)	Inner D(mm)	Step height (mm)	Total height (mm)
TE-AS-129-1	12	8.5	2.5	4.5
TE-AS-130-1	14	10	3.5	6
TE-AS-131-3	16	12	4	6.5
TE-AS-132-1	19	14.5	2	4
TE-AS-132-2	18.5	14.5	2	4
TE-AS-132-3	27	22	2	5
TE-AS-133-1	28	22	2	5
TE-AS-133-2	50	42	1	4
TE-AS-134	60	51	2	4
TE-AS-135-1	77	74	0.5	4
TE-AS-135-2	78	74	0.5	4
TE-AS-136-1	90	82	0.5	3
TE-AS-136-2	91	82	5	3
TE-AS-137-1	100	89	0.5	4.5



🎯 Alumina Crucible Lid Specifications:

Type 4: Alumina Rectangular Lid (inner buckle)



Item No.	Outer length(mm)	Outer width (mm)	Inner length (mm)	Inner width (mm)	Height(mm)
TE-AS-138-1	50	20	42	13	3.8
TE-AS-139-1	60	30	52	21	4
TE-AS-140	60	54	53	47	3.5
TE-AS-141	90	60	82	52	3.2
TE-AS-142	100	20	91.5	13	3
TE-AS-143	100	30	92	23	3.5
TE-AS-144	100	40	92.5	30	3.2
TE-AS-145	120	60	110	50	3.8
TE-AS-145-1	50	20	42	13	0.8
TE-AS-145-2	61	31	52	21	4
TE-AS-145-3	61	35	53	47	3.5
TE-AS-145-4	92	62	82	52	3.2
TE-AS-145-5	100	20	91.5	13	3
TE-AS-145-6	100	30	92	23	3.5
TE-AS-145-7	102	41	92.5	30	3.2
TE-AS-145-8	120	60			

04 TGA Alumina Crucible

Reliable Alumina Crucibles for Thermogravimetric Analysis

SPECIFICATIONS

Al ₂ O ₃ Purity	≥99% Al ₂ O ₃
Max Temperature	Up to 1730°C
Typical Capacity	10 cc – 37 cc
Surface Options	Glazed Inside / Unglazed
Compatibility	Available for common LECO and ELTRA systems

APPLICATIONS

Thermogravimetric Analysis · Residue Testing · Polymer and Filler Analysis · Inorganic Powder Testing · High-Temperature Weight-Change Runs



KEY FEATURES

- 1 Thin-wall options help improve thermal response and reduce baseline drift
- 2 Dense alumina helps lower contamination risk during residue analysis
- 3 Rim profiles and volumes fit common pan holders for easier handling
- 4 Optional lids help control local gas exchange for volatile samples



TGA Alumina Crucible Specifications:

Item NO.	Item name	Capacity	MOQ	Part#	Compatible with
AT-ALG-001-1	Alumina Crucible (Glazed Inside)	14cc; Purity99.5%	20PCS		AR9047 For LECO 701
AT-ALG-001	Alumina Crucible (Glazed Inside)	14cc; Purity99.5%	20PCS		AR9047 For LECO 701
AT-ALG-002	Alumina Crucible (Unglazed)	14cc; Purity99.5%	20PCS		AR9047 For LECO 701
AT-018	LECO Large Al_2O_3 Crucible (Glazed Inside)	20CC; Purity99.5%	20PCS	621-331 /529-047	AR9047 For LECO 701
AT-018-1	ELTRA Al_2O_3 Crucible	18CC; Purity99.5%	20PCS	Eltra 26063	
AT-018-4	LECO Large Al_2O_3 Crucible (Yellow, Glazed Inside)	20CC; Purity99.5%	20SET	621-331 /529-047	AR9047 For LECO 701
AT-018-2	LECO Large Al_2O_3 Crucible (Unglazed)	20CC; Purity99.5%	20PCS	621-331 /529-047	AR9047 For LECO 701
AT-MY-17	LECO Small Al_2O_3 Crucible (Glazed Inside)	16CC; Purity99.5%	20PCS	529-042	529-402 AR9042 For LECO TGA 500/501/601/701; MAC 400/500
AT-MY-17-5	LECO Small Al_2O_3 Crucible (Unglazed)	16CC; Purity99.5%	20PCS	529-042	529-402 AR9042 For LECO TGA 500/501/601/701; MAC 400/500
AT-020	LECO Large Al_2O_3 Crucible (Fully Glazed)	37CC; Purity99.5%	20PCS		customized product
AT-021	LECO Small Al_2O_3 Crucible (Unglazed)	10CC; Purity99.5%	20PCS		customized product
AT-019	LECO Large Al_2O_3 Crucible Lid	OD36.5*H6.5*T1.0mm. Purity99.5%	20PCS	529-048	Alpha AR9043 For TGA 20cc
AT-MY-18	LECO Al_2O_3 Crucible Lid	OD34.5*H6.5*T1.0mm Purity99.5%	20PCS	529-043	Alpha AR9043 For TGA 16cc

05 DSC Alumina Crucible

DSC Alumina Crucibles for Stable Heat-Flow Testing

SPECIFICATIONS

Al ₂ O ₃ Purity	≥99% Al ₂ O ₃
Dimensional Tolerance	±0.2 mm Standard Custom ±0.1 mm Available
Typical Capacity	30 µL – 900 µL
Bottom Design	Flat-Bottom Pan
Customization	Depth, Wall Thickness and Lid Style Available

APPLICATIONS

Differential Scanning Calorimetry · Polymer Analysis · Blend Analysis · Reactive Sample Testing · Elevated-Temperature DSC Runs



KEY FEATURES

- 1 Flat-bottom alumina bodies support uniform heat transfer and stable baselines
- 2 Higher temperature capability than aluminum pans for demanding DSC programs
- 3 Dense alumina helps reduce reactions with aggressive or oxidizing samples
- 4 Reusable design and flexible lid options support lower test cost and better sample control

DSC Alumina Crucible Specifications:

Type 1: Mettler Toledo Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-MA-001	Alumina crucible small without lid	30 μl	Mettler	Mettler
AT-MA-002	Alumina crucible small with lid	30 μl	Shimadzu/Mettler	ME-51140843/ 201-54321, 201-56825-90
AT-MA-002-2	Alumina crucible with lids	50 μl	Mettler	
AT-MA-002-1	Alumina crucible with lids	60 μL	Mettler	
AT-MA-003	Alumina crucible medium without lid	70 μl	Mettler	Mettler 30244541
AT-MA-004	Alumina crucible medium with lid	70 μl	Mettler TGA/sample robot	ME-00024123
AT-MA-005	Alumina crucible	85 μl	Mettler	Mettler Toledo
AT-MA-006	Alumina crucible large without lid	150 μl	Mettler	Mettler
AT-MA-007	Alumina crucible large with lid	150 μl	Mettler E/sample robot	ME-00024124
AT-MA-008	Alumina lid	150 μl	Mettler	Mettler
AT-MA-008-1	Alumina crucible large with lid	600 μl	Mettler	ME-30077260
AT-MA-009	Alumina crucible	900 μl	Mettler E	Mettler
AT-MA-010	Alumina crucible large with lid	900 μl	Mettler	ME-51119960
AT-MA-011	Alumina lid-12	900 μl	Mettler	Mettler
AT-MA-011-1	Oval Alumina crucible water test	900 μl	Mettler	Mettler Volume Oval Shape for ME water test

DSC Alumina Crucible Specifications:

Type 2: Netzsch Alumina Crucible/Lids

Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-NA-068	Alumina crucible	25 μl	Netzsch	Netzsch
AT-NA-069	Alumina crucible	25 μl	Netzsch	Netzsch
AT-NA-070	Alumina crucible	80 μl	Netzsch	20*5SET
AT-NA-071	Alumina crucible	85 μl	Netzsch DSC 204 F1 Phoenix®, DSC 200 F3 Maia®, DSC 3500 Sirius and DSC 214 Polyma, TG 209 F1 Libra® and TG 209 F3 Tarsus® @, STA 449 F1/F3/F5 Jupiter® and DSC 404 F1/F3 Pegasus	Netzsch P/N: 399.972 / GB399972/
AT-NA-072	zirconia sample pan	85 μl	Netzsch/TG 209 F3, TG 209 F1/STA 449 F3, STA 449 F1	Netzsch
AT-NA-073	Alumina lid	85 μl	Netzsch DSC 204 F1 Phoenix®, DSC 200 F3 Maia®, DSC 3500 Sirius and DSC 214 Polyma, TG 209 F1 Libra® and TG 209 F3 Tarsus® @, STA 449 F1/F3/F5 Jupiter® and DSC 404 F1/F3 Pegasus	Netzsch P/N: 399.973 / GB399973
AT-NA-074	Alumina crucible	85 μl	Netzsch DSC 204 F1 Phoenix®, DSC 200 F3 Maia®, DSC 3500 Sirius and DSC 214 Polyma, TG 209 F1 Libra® and TG 209 F3 Tarsus® @, STA 449 F1/F3/F5 Jupiter® and DSC 404 F1/F3 Pegasus	GB399972/GB399973
AT-NA-075	Alumina crucible	90 μl	Netzsch	Netzsch
AT-NA-076	Alumina crucible	160 μl	Netzsch	Netzsch
AT-NA-077	TG crucible from Al_2O_3	300 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB803698
AT-NA-078	Alumina lid	300 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB808209





DSC Alumina Crucible Specifications:

Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-NA-079	TG Alumina crucible with lid	300 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB803698/NGB808209
AT-NA-080	Alumina crucible	350 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB800453
AT-NA-081	Alumina lid	350 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB800454
AT-NA-082	Alumina crucible with lid	350 μl	Netzsch TG 209 F1 Libra® and TG 209 F3 Tarsus®	NGB800453/NGB800454
AT-NA-083	Alumina crucible	400 μl	Netzsch	Netzsch
AT-NA-084	Alumina crucible	1mL	Netzsch	Netzsch
AT-NA-085	Alumina circle piece	D8mm	Netzsch	Netzsch
AT-NA-085-1	TGA-DTA crucibles for highest temperatures/crucible from Al_2O_3 , 0.15 ml	0.15 ml	Netzsch STA 449 F1/F3 Jupiter® and DSC 404 F1/F3 Pegasus	GB399147
AT-NA-087	Alumina crucible Special shape/TGA-DTA crucibles	0.2ml	Netzsch DSC 404 F1/F3 Pegasus, STA 449 F1/F3/F5 Jupiter®	GB445172
AT-NA-087-1	Alumina lid	/	for NGB810411, GB445172; pierced, $\varnothing$ 0.5 mm hole	GB445175
AT-NA-086	Alumina crucible Special shape	0.3ml	Netzsch DSC 404 F1/F3 Pegasus, STA 449 F1/F3/F5 Jupiter®	NGB810411
AT-NA-088	Alumina crucible Special shape/Crucibles for TGA Sample Carrier	3.4ml	STA 449 F1/F3/F5 Jupiter	GB445213
AT-NA-088-01	Alumina crucible Special shape/Crucibles for TGA Sample Carrier	5ml	STA 449 F1/F3/F5 Jupiter	NGB809163
AT-NA-088-02	Alumina crucible Special shape/Crucibles for TGA Sample Carrier	4.2ml	STA 449 F1/F3/F5 Jupiter	
AT-NA-089-1	Slip-on plate, flat, made of Al_2O_3	/	Netzsch DTA Sensor 1 of the DSC 404 F1/F3 Pegasus, TGA2, TGA-DTA3 Sensor of the STA 449 F1/F3/F5 Jupiter	GB343550

DSC Alumina Crucible Specifications:

Type 3: Shimadzu Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-DA-097	Alumina cell	25 μl	Shimadzu	Shimadzu
AT-DA-098	Alumina cell/pan	25 μl	Shimadzu /DSC-50/50Q/50V, DTA-50, TGA-50/50H, TGA-51/51H, DSC-60 y DTG-60,DSC-60 plus series	Shimadzu 201-54321
AT-DA-099	Alumina cell with lid	25 μl	Shimadzu /DSC-50/50Q/50V, DTA-50, TGA-50/50H, TGA-51/51H, DSC-60 y DTG-60.	201-54321 with lid
AT-DA-099-1	ALUMINA PAN	90 μl	DSC-60 series, DSC-60 plus series, TGA-50 series, TGA-51 series, DTG-60 series, and DTA-50 instruments	201-54321-01
AT-DA-100	Alumina cell	150 μl	Shimadzu	Shimadzu
AT-DA-101	Alumina marco cell/crucible	850 μl	Shimadzu TGA-51 series instruments	201-56825-90

DSC Alumina Crucible Specifications:

Type 4: Setaram Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-SA-120	Alumina crucible	30 μl	Setaram	
AT-SA-121	Alumina crucible	50 μl	Setaram	DSC, TGA
AT-SA-122	Alumina crucible	95 μl	Setaram	
AT-SA-123	Alumina crucible	100 μl	Setaram,DSC	DSC, TGA
AT-SA-123-1	Zirconia crucible	100 μl	Setaram,DSC	
AT-SA-124	Alumina crucible with hole	160 μl	Setaram	
AT-SA-125	Alumina crucible set	40 μl	Setaram	CTC1800 Evolution
AT-SA-126	Alumina crucible set	110 μl	Setaram	CTC1800 Evolution
AT-SA-126-1	Alumina crucible set	70 μl	Setaram	
AT-SA-124-1	special crucible with hole Al_2O_3	100 μl	Setaram	
AT-SA-127	Alumina crucible	400 μl	Setaram	SETARAM LABSYS
AT-SA-128	Alumina crucible (Special shape)	100 μl	Setaram (20pcs)	

DSC Alumina Crucible Specifications:

Type 5: PerkinElmer Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-PA-132	Alumina crucible with Flat base	50 μl	PerkinElmer, DuPont	TGA
AT-PA-133	Alumina Sample Cups with Round bottom, 60mm ³	60 μl	PerkinElmer PerkinElmer DTA7 and DTA1700, DuPont	PE-04190387
AT-PM-153-2	Alumina sample pans	120 μl	PerkinElmer	
AT-PA-133-1	Alumina crucible	20/40 μl	PerkinElmer DSC 6000, DSC 8000, Pyris 1 DSC, Jade DSC, DSC 4000, Diamond DSC, DSC 6, DSC 8500, Pyris 6 DSC, DSC 7	PE-N5190180
AT-PA-134	Alumina crucible	250 μl	PerkinElmer TGA6/As6STA 8000, TGA 4000, STA 6000	PE-N5200045 PE-N5200040
AT-PA-134-1	STA 6000/TGA 4000 Alumina lids	250 μl	PerkinElmer STA 6000/TGA 4000	
AT-PA-135	Inner Alumina crucible	60 μL	PerkinElmer	N5200045
AT-PA-135-1	Alumina lids	60 μL	PerkinElmer	N5200045
AT-PA-136-1	Half handle ceramic sample pan	100 μl	PerkinElmer TG	/

DSC Alumina Crucible Specifications:

Type 6: Linseis Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-LA-154	Alumina crucible	95 μl	Linseis	Linseis
AT-LA-155	Alumina sample pans	150 μl	Linseis	Linseis
AT-LA-156	Alumina circle piece	150 μl	Linseis	Linseis
AT-LA-157	Alumina crucible Special shape	300 μl	Linseis	Linseis
AT-LA-158	Alumina crucible (Special shape)	3.0ml	Linseis (20pcs)	Linseis
AT-LA-158-1	Alumium crucible	70 μl	Linseis	Linseis

DSC Alumina Crucible Specifications:

Type 7: Hitachi(Seiko) Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-EA-159	Alumina crucible	25 μl	Hitachi(Seiko), Bruker AXS	Seiko SII, Bruker AXS
AT-EA-160	Alumina crucible	65 μl	Hitachi(Seiko), Bruker AXS	Seiko SII, Bruker AXS

DSC Alumina Crucible Specifications:

Type 8: Rigaku Alumina Crucible/Lids



Item NO.	Prod. Name	Capacity	Compatible with	Part No.
AT-RA-163	Alumina crucible	20 μl	Rigaku	Rigaku
AT-RA-164	Alumina crucible	60 μl	Rigaku	Rigaku
AT-RA-164-1	Zirconia crucible	60 μl	Rigaku/Linseis	Rigaku

DSC Alumina Crucible Specifications:

Type 9: OEM Alumina Crucible/Lids



Item NO.	Prod. Name	Compatible with
AT-OA-165	Alumina crucible	15 μ l
AT-OA-166	Alumina crucible	25 μ l
AT-OA-167	Alumina crucible	25 μ l
AT-OA-168	Alumina crucible	30 μ l
AT-OA-169	Alumina crucible	30 μ l
AT-OA-170	Alumina crucible	60 μ l
AT-OA-170-1	Alumina crucible	60 μ l
AT-OA-172	Alumina crucible	85 μ l
AT-OA-172-1	Alumina crucible	150 μ l
AT-OA-173	Alumina crucible	450 μ l
AT-OA-173-1	Alumina crucible	500 μ l
AT-OA-173-2	Alumina crucible	800 μ l
AT-OA-174	Alumina crucible	850 μ l
AT-OA-175	Alumina crucible	850 μ l
AT-OA-175-1	Alumina crucible	900 μ l
AT-OA-175-2	Alumina crucible	1ml
AT-OA-175-3	Alumina crucible	1.5ml



DSC Alumina Crucible Specifications:

Item NO.	Prod. Name	Compatible with
AT-OA-176	Alumina crucible	1.5ml
AT-OA-176-1	Alumina crucible	3.0ml
AT-OA-176-4	Alumina crucible	3.0ml
AT-OA-176-2	Alumina crucible	3ml
AT-OA-176-5	Alumina crucible	5ml
AT-OA-176-3	Alumina crucible	20ml
AT-OA-177	Alumina crucible	100 μ l
AT-OA-178	Alumina crucible	200 μ l
AT-OA-179	Alumina crucible	110 μ l
AT-OA-179-1	Alumina crucible	40 μ l
AT-OA-180	Alumina crucible	170 μ l
AT-OA-181	Alumina crucible	900 μ l
AT-OA-182	Alumina crucible	6.0ml
AT-OA-183	Alumina crucible with hole	30 μ l
AT-OA-183-1	Alumina crucible with hole	1.0ml

Item NO.	Prod. Name	Compatible with
AT-OA-183-2	Alumina crucible with hole	1.5ml
AT-OA-183-3	Alumina crucible with hole	3.0ml
AT-OA-183-4	Alumina crucible with hole	9.0ml
AT-OA-184	Tapered Alumina crucible	40 μ l



Other Alumina Crucible Product



Point Bottom Alumina Crucible

- Easier residue collection
- Better low-loss transfer
- Suited for small-volume work
- Less bottom material hold-up



Alumina Conical Crucible

- Smoother pouring and discharge
- Less residue after heating
- Better for sampling transfer
- Faster lab batch handling



Round Bottomed Boat Alumina Crucible

- Less powder buildup in corners
- Smoother material movement
- Better for flowing samples
- Easier post-test cleaning



Trapezoid Alumina Crucibles

- Better space use in trays
- More stable grouped placement
- Easier batch arrangement
- Easier batch arrangement

Custom Service

ADCERAX engineers are ready to support your next project.

Send us your drawing, dimensions, and quantity — we respond within 24 hours.

Website

adcerax.com

Lead Time (Stock)

24-hour dispatch

Custom Sample

2–3 weeks

Tolerance

Down to ± 0.1 mm

- ✓ Al_2O_3 Purity: 96% to 99.99%
- ✓ Capacity Range: 0.5 ml to 4000 ml+
- ✓ Shapes: cylindrical, rectangular, conical, point bottom, boat, trapezoid
- ✓ Options: with lid, flat bottom, round bottom, glazed or unglazed
- ✓ Custom service: dimensions, wall thickness, lid fit, and special geometry

Custom alumina crucibles built for laboratory and high-temperature processing.

Service Support

ADCERAX is committed to providing comprehensive service support to customers, from product selection to after-sales maintenance.

Pre-Sales Support

- ✓ Expert technical team provides custom design advice
- ✓ Sample testing and performance verification
- ✓ Technical parameter consultation

Sales Support

- ✓ Order tracking and production progress updates
- ✓ Professional packaging and logistics solutions

After-Sales Service

- ✓ Product quality assurance and problem resolution
- ✓ Technical consultation and application support
- ✓ 24-hour response commitment

Quality Assurance

- ✓ Strict quality control system
- ✓ Product performance testing and verification



Contact Our Specialist Team

✉ Customer Service: info@adcerax.com

📞 Service Hotline: +86-0731-84428843

🌐 Online Support: adcerax.com

Contact Us

ADCERAX looks forward to cooperating with you and providing alumina ceramic crucible solutions. Our team is dedicated to serving you with any questions or needs you may have.

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Inquiry Process

1

Submit Inquiry

Submit your requirements via email, phone, or website form.

2

Technical Evaluation

Our expert team evaluates your needs and provides solutions.

3

Quotation Confirmation

Provide detailed quotation and delivery time based on your requirements.

4

Order Confirmation

Confirm order and arrange production and delivery.



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