

*Ceramic Oxide Fabricators*  
**(AUST) PTY LTD**



## **Crucibles** and lab ware

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# Crucibles and labware

## 1 Combustion Boats and Rectangular Trays

### 1.1 Combustion Boats



Figure 1: Clockwise from outer top left: CB-0200, CB-0025, CB-0003, CB-0005, CB-0001, CB-0012.

Product number	Top length	Top width	Height	Wall thickness	Capacity (ml) <sup>††</sup>
CB-0001	48	11	7	1.5	1
CB-0003	43	13	11	1.5	2
CB-0005	90	15	10	2	5
CB-0012	94	36	7	3	12
CB-0025	100	24	15	2	25
CB-0200 *	146	70	35	2.5	200

\*CB-0200 has a rounded base (resembling half of a cylinder, cut lengthways). All other combustion boats have flat bases.

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

## 1.2 Rectangular Trays



Figure 2: RT-0700.

Product number	Length	Width	Height	Wall thickness	Capacity (ml) <sup>††</sup>
RT-0050	82	55	17	3	40
RT-0700	280	190	20	4.5	530
RT-0200	140	55	44	3	200

See also: CB-0012.

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

## 2 Cylindrical Crucibles



Product number	Top $\varnothing$ †	Bottom $\varnothing$ †	Wall width	Height	Capacity (ml) <sup>††</sup>
CN-0001	12	12	1	16	1
CN-0002	14	14	2	25	1.75
CN-0004-W	18	18	2	25	3.5
CN-0005-W	20	20	2	30	5.5
CN-0006	16	16	2	51	5.5
CN-0007	18	18	2	40	5.8
CN-0009	34	34	2	17	10.5
CN-0015	36	36	3	29	18
CN-0025	30	30	2	45	22.8
CN-0050	35	35	2.5	65	44
CN-0055	41.5	41.5	4	66	54
CN-0090	40	40	2	90	89
CN-0100	53	53	2.5	66	110
CN-0175	64	64	2.5	72	190
CN-0200	52	52	3.5	130	200
CN-0325	65	65	5	140	315
CN-0500	70	70	4	150	440
CN-0550	83	83	3	100	450
CN-0750	83	83	3	160	725
CN-1650	115	115	4	180	1575

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

### 3 Circular Dishes



Product number	Top $\varnothing$ †	Bottom $\varnothing$ †	Wall width	Height	Capacity (ml) <sup>††</sup>
CD-0010	41	41	2	15	13.9
CD-0020	45	45	2	20	23.5
CD-0050	60	60	2	20	44
CD-0070	102	102	2	14	90
CD-0080	78	78	3	30	109
CD-0325	102	102	3	49	330
CD-1000	180	180	6.5	56	1080
CLL	91	91	3	9	34
CLM	44.5	44.5	1.75	4	2.9
CLML	78.5	78.5	2.5	8	23

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

## 4 Microcrucibles



Product number	Top $\varnothing$ †	Bottom $\varnothing$ †	Wall width	Height	Capacity (ml) ††
TGA-002-W	6	6	0.65	2	0.02
DTA-A03	5	5	0.7	3.5	0.025
WD-066-A	5	5	0.6	3.9	0.03
DTA-B04	4.5	4.5	0.6	5.5	0.04
D77-W	5	5	0.5	5	0.05
WD-066-B	5	5	0.65	9.9	0.05
D86-W	10.6	10.6	0.7	3	0.15
D85-W	5.5	5.5	0.55	3	0.35
D84-W	6.6	6.6	0.5	4.1	0.85
TGA-01-W	5	5	0.55	8	0.85
WD-100	20	20	1	11	2.5

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.



## 5 Lids and circular tiles



Product number	Top $\varnothing$ †	Wall thickness	Height	Capacity (ml) ††
CLL	91	3	9	34
CLM	44.5	1.75	4	2.9
CLML	78.5	2.5	8	23
Product number	Top $\varnothing$ †	Thickness		
CLS/Disc 23x3	23	3		
CLXL/Disc 135x8	135	8		
Disc 205x12	205	12		
Disc 240x14	240	14		
Disc 34x5	34	5		
Disc 40x10	40	10		
Disc 49x13	49	13		
Disc 65x5	65	5		
Disc 80x4	80	4		
Disc 85x5	85	5		
LALE009	0	0		
Rulf disc/Disc 52x6	52	6		
WD-084 lid with hole	6.75	0.8		
WD-084 lid no hole	6.75	0.8		

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† If there is a capacity listed, this indicates that the lid has a raised edge and may also be used as a shallow dish. If no capacity is listed, it is a flat lid with no raised edge.



## 6 Conical Crucibles and Crystal Growing Crucibles

### 6.1 Conical Crucibles



Figure 3: Clockwise from far left: CC-0030, CC-0095, CC-0012 (on side), CC-0015, CC-0004, CC-0007, CC-0008

Product number	Top	∅ †	Bottom ∅ †	Wall width	Height	Capacity (ml)††
CC-00004	15	7	1.2	7	0.35	
CC-00015	23	22	1.5	11.5	2.75	
CC-00008	26	16	1.5	29	7	
CC-00007	30	20	1	20	7.5	
CT-00008*	0	0	0	0	8	
CC-00012	35	4	2	50	12	
CC-00030	36	28	2	43	25	
CL-00030*	48		2	30	30	
CT-00040*	48	26	2	46	40	
CC-00095	51	25	3.5	59	43	

\* CT- or CL- denotes a crucible with curved or angled walls.

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

## 6.2 Crystal Growing Crucibles



Figure 4: Clockwise from bottom left: CC-0035, CG-0055, CG-0015, CC-0009

Product number	Top $\varnothing$ †	Wall width	Height	Capacity (ml) ††
CC-0009	22	2	46	9
CC-0035	33	2.5	88	35
CG-0015	25	3	95	15
CG-0055	35	4	150	55

† All measurements are outer dimensions. Individual pieces will vary due to the nature of ceramics.

†† Note: capacities are a guide only. These crucibles should not be used for volumetric measuring.

## 7 Contact information

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