

# Ceramic Laboratory Crucibles

**LABEC Ceramic Laboratory Crucibles** can be supplied with all of our laboratory furnaces. These crucibles are manufactured of high purity alumina ceramic (>99.7%) and are long lasting and excellent for ashing or melting samples, easily removeable with furnace tongs. There is a large range of shapes and sizes for temperatures up to 1600°C



Serving the Scientific, Medical and Research industries since 1945

**LABEC**



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd  
email: [sales@labec.com.au](mailto:sales@labec.com.au)  
Ph: 02 9560 2811 • Fax: 02 9560 6131  
[www.labec.com.au](http://www.labec.com.au)

# 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.

# 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



Laboratory Equipment Pty Ltd email: [sales@labec.com.au](mailto:sales@labec.com.au)  
 Ph: 02 9560 2811 • Fax: 02 9560 6131 • [www.labec.com.au](http://www.labec.com.au)

# 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.

# 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.



Laboratory Equipment Pty Ltd email: [sales@labec.com.au](mailto:sales@labec.com.au)  
Ph: 02 9560 2811 • Fax: 02 9560 6131 • [www.labec.com.au](http://www.labec.com.au)

# 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-0012	35	4	2	50	12	
CC-0030	36	28	2	43	25	
CL-0030*	48		2	30	30	
CT-0040*	48	26	2	46	40	
CC-0095	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.