Ceramic Laboratory Crucibles

Serving the Scientific, Medical and Research industries since 1945

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

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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)††
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.

Rectangular Trays

Figure 2: RT-0700.

Product number	Length	Width	Height	Wall thickness	Capacity (ml)††
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.

Cylindrical Crucibles

Product number	Top ⌀ †	Bottom ⌀ †	Wall width	Height	Capacity (ml)††
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

Circular Dishes

Product number	Top ⌀ †	Bottom ⌀ †	Wall width	Height	Capacity (ml)††
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 ⌀ †	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 ⌀ †			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.

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-0008	26	16	1.5	29	7
CC-0007	30	20	1	20	7.5
CT-0008*	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.