

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



## **Crucibles** and lab ware

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**Ceramic Oxide Fabricators (AUST) Pty Ltd**  
83 Wood Street, California Gully VIC 3556 Australia



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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) ††
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) ††
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

Ceramic Oxide Fabricators (AUST) Pty Ltd  
83 Wood Street  
California Gully VIC 3556  
Australia

**P** + 61 3 5446 8151  
**F** + 61 3 5446 1215  
**W** [www.cof.com.au](http://www.cof.com.au)  
**E** [ceramics@cof.com.au](mailto:ceramics@cof.com.au)

## 8 Ceramic Oxide Fabricators (AUST) Pty Ltd one (1) year limited warranty

### 8.1 Introduction

This is a limited warranty from Ceramic Oxide Fabricators (AUST) Pty Ltd (as warrantor) that gives you specific legal rights.

You may also have other rights under specific consumer protection laws and regulations – if any (referred to in this warranty as “law”) of the country, state or province in which the Product was purchased (“your jurisdiction”). This warranty is governed by and subject to law and is not intended to and does not exclude, limit or suspend any rights you have under law. Some or all of the limitations or exclusions described below may not apply to you.

For the purposes of this warranty –

*COF* means Ceramic Oxide Fabricators (AUST) Pty Ltd (Australian Business Number 59 007 371 824).

*Product* means any COF – branded hardware product manufactured by or for COF and identified by the COF trademark, trade name, or logo affixed to it.

*You* means the original end-user and retail purchaser of a COF Product.

COF reserves the right to make changes at any time to:

1. Product hardware and software components and specifications; and
2. Terms and conditions governing Product use, service and repair; and
3. COF services.

Such changes are entirely at COF's discretion and may involve modification, upgrade, enhancement, replacement, deletion or abandonment.

### 8.2 Specific Warranty obligations

COF warrants that its Product is free from defects in materials and workmanship under normal use for a period of one (1) year from the date of your purchase (the “*Warranty Period*”).

Subject to law and the conditions set out below, if a Product is defective, COF will decide whether to:

1. Repair the Product at no charge, using new parts or parts that are equivalent to the new in performance or reliability; or
2. Exchange the Product with either a new product or one that is equivalent to new in performance, reliability and functionality; or
3. Refund the purchase price of the product,

provided that your claim is made in accordance with this warranty and is received by COF within the warranty period.

A replacement product or part assumes the remaining warranty of the original Product or ninety (90) days from the date of replacement or repair, whichever provides you with the longer coverage.

When a Product or part of a Product is exchanged, any replacement items become your property and the replaced item becomes COF's property. Parts provided by COF in fulfillment of its warranty obligation must only be used in the Product for which warranty service is claimed.

If COF agrees to refund the purchase price of a Product, the refund can only be paid after you have returned that Product to COF. All returned Products become COF's property.

COF does not make any representation that it will be able to repair or exchange any Product without loss of or corruption to programs and data.

### 8.3 Warranty exclusions and limitations

This limited warranty applied only to COF Products and does not apply to any non-COF hardware product or any software, even if packaged and sold with a COF product. Manufacturers, suppliers, or publishers, other than COF, may provide their own warranties to you, but COF, in so far as permitted by law, provides itself “as is”.

COF Limited Warranty

Software (including system software) and hardware distributed by COF with or without the COF brand name is not covered under this warranty. Refer to the licensing agreement accompanying such software for details of

your rights and obligations concerning its use.

COF is not responsible for damage arising from failure to properly follow instructions relating to the Product's use.

This warranty does not apply to:

1. consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship; or
2. cosmetic damage, including but not limited to scratches, dents, and worn material on ports; or
3. damage caused by use with non-COF products; or
4. damage caused by accident, abuse, misuse, or external causes (such as earthquake, fire or flood); or
5. damage caused by operating the product outside the permitted or intended uses described by COF; or
6. damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of COF or a COF authorised service provider; or
7. modifications by someone else other than COF to alter Product functionality or capability without COF's written approval; or
8. any COF Product where its serial number has been removed or defaced.

#### **8.4 Important!**

Opening a hardware Product may cause damage; such damage is not covered by this warranty. Only COF or an authorised service provider should open and perform Product service.

To the extent permitted by law: (1) this warranty and your rights under it are exclusive and are in lieu of any other oral, written, statutory, express or implied warranties, remedies and conditions; and (2) COF disclaims all other warranties, including but not limited to warranties of merchantability and fitness for a particular purpose and warranties against hidden or latent defects. If COF cannot lawfully disclaim statutory or implied warranties then, to the extent permitted by law, all such warranties will be limited in the duration of the express warranty and to the repair or replacement service or refund as determined by

COF in its absolute discretion.

No COF reseller, agent, or employee is authorised to make any amendment, extension, or addition to this warranty.

If any term or condition of this warranty is held to be illegal or unenforceable, the legality of the enforceability of the remaining terms and conditions will not be affected or impaired.

Except as provided in this warranty and to the maximum extent permitted by law, COF is not responsible for direct, special, incidental or consequential damages resulting from any breach of the warranty or condition, or under any clause, category of head of claim, including but not limited to loss of use; loss of revenue; loss of actual or anticipated profits (including loss of profits on contracts); goodwill; loss of reputation; loss of damage to or corruption of data; any or indirect or consequential loss or damage howsoever caused including the replacement of equipment and property, and costs of recovering, programming or reproducing any program or data stored in or used with the COF Product and any failure to maintain the confidentiality of data stored on the COF product.

COF does not authorise use of and reliance on any COF Product in safety critical situations, where the failure of COF Product or its compromised performance or interrupted operation could cause or contribute to personal injury or death ("potentially life threatening situations" or "PLTS"). For the avoidance of doubt out of the arising use or misuse and operation of any of its Products in such circumstances.

COF may be prepared to assist you to undertake a risk management assessment and prepare a protocol for your use of COF Products in the context of the PLTS, but always on the basis that all such use (including misuse) remains entirely at your risk.

It is your responsibility to identify and comply with the law governing your use of the Product applicable in each jurisdiction in which the Product is to be used.

#### **8.5 Obtaining Warranty Service**

Before seeking warranty service, please first refer to COF's online help resources identified

in the Product documentation.

If the product is still not functioning properly, you should contact the COF representatives or, if applicable, a COF retail store, distributor or authorised service provider.

COF will determine whether the Product requires service, and if so, COF will advise you how, where and by whom the service will be performed.

It is important that you assist COF to diagnose issues with your Product and that you follow COF's warranty processes.

Service options, parts availability and response times vary according to the place in which service is requested. Please note that service options are subject to review and change by COF at any time and COF may restrict service to be performed in the place at which the Product was originally sold.

Upon receipt of the replacement Product or part, the original Product or part becomes the property of COF and you agree to properly follow instructions, including if required, arranging the return of the original Product or part to COF in a timely manner.

When providing service requiring the return of the original Product or part, COF may re-

quire a credit card authorisation as security for the retail price of the replacement Product or part and applicable shipping costs. If you follow COF's instructions, COF will cancel the credit card authorisation, and you will not be charged for the Product or part and shipping costs. If you fail to return the replaced Product or part as instructed, COF will charge your credit card for the authorised amount.

If you seek service in a country that is not the country of original purchase, you must comply with the relevant export requirements and be responsible for the payment of all duties, taxes, levies, fees and other charges including shipping and handling costs.

Where international service is available, COF may repair or exchange defective Products and parts with comparable Products or parts that comply with local law.

COF may require you provide proof of purchase details and or comply with registration or other requirements before providing warranty service,

COF will collect, maintain and use your information in accordance with COF's privacy policy.