



# Capsules

for elemental analysis

## Ordering Information

We are happy to accept orders by any of the following methods:

**Phone:** +44 (0)1837 54446

**Fax:** +44 (0)1837 54544

**E-mail:** info@microanalysis.co.uk

**Mail:** Elemental Microanalysis Ltd  
1 Hameldown Road  
Okehampton Business Park  
Okehampton  
Devon EX20 1UB  
United Kingdom

We can invoice you in Sterling, Euro or US Dollar and accept Visa, Mastercard and American Express, account facilities are readily available for regular customers, please enquire.

### Shipping worldwide

We regularly ship directly to customers in all parts of the world. Local dealers are available in many countries: contact us for details.



[www.microanalysis.co.uk](http://www.microanalysis.co.uk)

Available locally from:

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## About the Company

Elemental Microanalysis grew from small beginnings almost 35 years ago as a micro-analytical laboratory to its current form as a leading manufacturer and supplier of consumables, supplies and other products for Elemental Analysers. We operate from our purpose-built factory and laboratory complex in Devon UK.

You learn a lot in 35 years - a lot about your products - how to make them and how to use them, a lot about your customers and their needs. We have been developing, refining and using products for elemental analysis since 1976 and have a unique in-depth knowledge of instruments from all manufacturers.

These days we offer the world's largest range of products for elemental analysers sending our products to customers across the globe.

We take great care with the quality of our products. The vast majority are manufactured in-house by our trained technicians within our ISO 9001:2008 accredited quality system. But we don't just make the products - we use them every day in our own analytical laboratory giving

us constant feedback on their performance. We do not compromise on quality and don't expect you to either. Our total satisfaction guarantee backs up our commitment to our product quality.

'Price is what you pay, value is what you get'. As the leading independent supplier of elemental analysis consumables you can achieve substantial savings in comparison to the prices charged by the original supplier of your instrument. But we know that you need more from a supplier than simply low prices. You need to buy with the confidence that your analysis will not be compromised by poor quality consumables and the knowledge that your supplier has all the resources to provide the full range of support that you expect.

We will always treat our customers with honesty and integrity. If we do make a mistake we don't try to hide it - we recognise it and put it right. We won't sell you short measure and we won't mislead you in any way. Our business is built on long-term relationships as our customers will testify - many have been with us for more than 25 years.



## Guaranteed quality

Our quality system is certified to BS EN ISO 9001:2008 by LRQA under certificate no 956566 and is regularly audited by independent specialists. Our confidence in our products allows us to offer you a total satisfaction guarantee: if our product does not perform at least as well as the product brand you usually use you can return it for a full refund.



## Try our products - free of charge!

Try before you buy - we have sample packs available for most elemental analysers on the market. Just let us know the instrument you have and we will send you a trial quantity of 3-4 different consumables to try - free and with no obligation. Offer limited to one per customer.

## Sales service

Our sales staff will ensure that your order is despatched promptly and correctly. They can tell you about our stock levels, prices, shipping arrangements, or answer any other queries you may have.

Most orders are despatched within 24 hours of receipt. Rush orders receive special attention and are processed immediately. If you have an urgent problem or require priority despatch, please let us know.

## Technical service

In this catalogue we have tried to provide the most accurate and complete information possible about our ever-expanding range. We realise, however, that you may require additional technical information. For this reason we have technical specialists on hand to answer your questions and advise you on selecting the products best suited to your needs. We can also supply samples, and even develop new products for your particular application.

## Design changes

We are constantly working on improving our products and these improvements may mean that some products differ from the descriptions in this catalogue. Our technical staff are happy to discuss any improvements made, and the resultant benefits.

## Terms and conditions of sale

The acceptance of any order is on the understanding that the purchaser agrees to the following Terms and Conditions of Sale:

### Prices and orders

Prices can be confirmed by contacting our sales team. Both quoted and printed prices may be subject to alteration without notice. Order numbers are not required if payment can be made against invoice.

### Quotations and invoices

Quotations are subject to confirmation on receipt of order. We reserve the right to amend any accidental errors or omissions.

### Delivery

Although every effort will be made to honour delivery dates, no liability can be accepted if delays or non-delivery occurs.

### Amendments or cancellations

Once an order is placed we consider it firm and only open to cancellation or amendment with our agreement.

### Responsibility

Our responsibility is limited to the supply of goods of the type and quantity ordered and all consequential or resulting liability is expressly excluded.

## Product origins

The vast majority of products are manufactured and packed in the UK by Elemental Microanalysis Ltd. The use of instrument names, instrument manufacturer names and part numbers does not imply that the products are of instrument manufacturer's origin.

## Health, Safety and the Environment

We care about the effects our products may have on the health of our customers. Up to date health and safety information on relevant products (MSDS) is attached to the delivery note of every order.

Users are warned to examine and test goods and to exercise special care in cases where the use or storage of goods involves danger to people or property.

Particular care is needed with glass equipment and chemicals. We cannot accept liability for and injury or damage caused in any circumstances.

Our location, on the edge of the beautiful Dartmoor National Park, reminds us every day of our environmental responsibility. We are committed to the protection of the natural environment and ensure that any impact of our manufacturing activities is minimised.

We do not discharge hazardous effluents or atmospheric emissions in our manufacturing processes. We recycle waste metals, heat and most chemicals. Any materials that cannot be recycled are disposed of in a responsible manner. We operate a 'return to manufacturer' facility for safe disposal of used materials that we have supplied.

## Other literature available from Elemental Microanalysis

In addition to this catalogue a range of other catalogues and product sheets are available:

### Catalogues

We publish catalogues covering the following areas of elemental analysis:

- Nitrogen/Protein
- Carbon/Sulphur
- Inorganic
- Organic Elemental (CHN/O/S)
- IRMS Supplement
- Trace TOC
- Macro



### Product sheets

Product sheets are available for every instrument we support. They cover all the common day-to-day items required to run your instrument.



### Contract analysis service

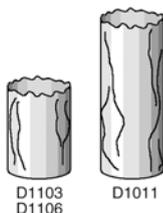
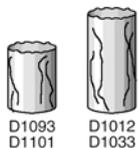
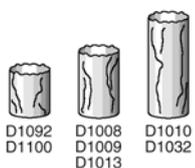
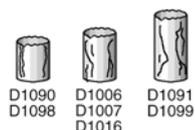
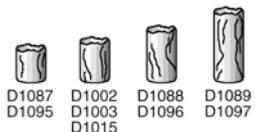
We also offer a contract analysis service for a variety of (mainly) organic compounds. Full details are available in our **Microanalytical Services** brochure.



All literature is available using the 'faxback' form on the rear cover of this catalogue or can be downloaded from our website.



### Actual size



### Pressed Tin Capsules for Solid Samples

Elemental Microanalysis pressed tin capsules for solid samples are available in standard and ultra-light weights.

#### Standard weight

For routine use.

Diameter (mm)	Height (mm)	Volume ( $\mu$ l)	Weight (mg)	Pack	Cat no
2	4.5	14	8	100	D1083
3.2	4	32	8	100	D1001
3.2	4	32	8	500	D1000
3.2	5.25	42	12	100	D1109
3.2	6.5	52	17	100	D1086
3.5	3.75	36	8	100	D1087
3.5	5	48	12	500	D1002
3.5	5	48	12	100	D1003
3.5	6.25	60	17	100	D1088
3.5	8.75	84	30	100	D1089
4	4.75	60	12	100	D1090
4	6	75	17	100	D1007
4	6	75	17	500	D1006
4	8.5	107	30	100	D1091
5	5.5	108	17	100	D1092
5	8	157	30	100	D1009
5	8	157	32	250	D1008
5	12.5	245	64	200	D1010
6	7.5	212	30	100	D1093
6	12	339	62	200	D1012
6	14	396	82	200	D1017
7	7	269	30	100	D5047
7	11.5	443	62	100	D1102
8	11	553	62	100	D1103
8	13.5	679	82	200	D1018
8	20	1005	160	100	D1011
9	10.5	668	62	100	D1104

#### Ultra-light weight

A range of ultra-light weight tin capsules weighing 40% less than the standard range. These lower weight capsules produce less swarf build-up in combustion tubes, have lower blank values and provide more available oxygen for effective combustion of samples.

Diameter (mm)	Height (mm)	Volume ( $\mu$ l)	Weight (mg)	Pack	Cat no
2	4.5	14	5	100	D1084
3.2	4	32	5	100	D1014
3.2	5.25	42	8	100	D1108
3.2	6.5	52	11	100	D1094
3.5	3.75	36	5	100	D1095
3.5	5	48	8	100	D1015
3.5	6.25	60	11	100	D1096
3.5	8.75	84	19	100	D1097
4	4.75	60	11	100	D1098
4	6	75	11	100	D1016
4	8.5	107	19	100	D1099
5	5.5	108	11	100	D1100
5	8	157	19	100	D1013
5	12.5	245	39	100	D1032
6	7.5	212	19	100	D1101
6	12	339	39	100	D1033
7	7	269	19	100	D5208
7	11.5	443	39	100	D1105
8	11	553	39	100	D1106
9	10.5	668	39	100	D1107
10	10	785	39	100	D5216

Elemental Microanalysis pressed capsules for solid samples are available in standard and ultra-light weights. They are manufactured to exacting standards ensuring consistently low blank values and uniform weight.

They can be used without any cleaning pre-treatment, but for critical samples solvent cleaning is recommended. They should not be ultrasonically cleaned as damage may result.

We can manufacture capsules in sizes and materials other than those listed below. We also offer discounts for larger quantities. Please enquire for details.

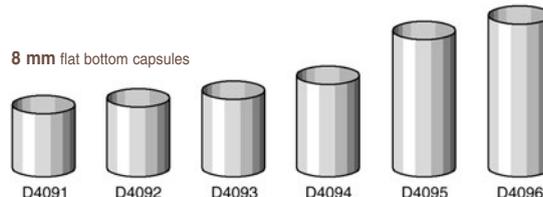
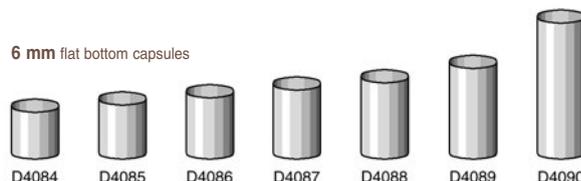
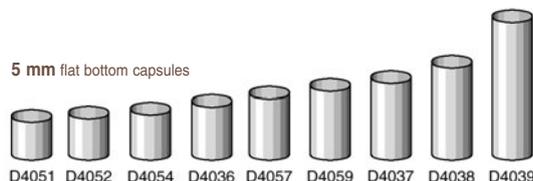
## Flat Bottom Smooth Tin Capsules

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
1.06	5.5	5	8	50	D4107
2	3.5	11	19	100	D4040
2	4	13	21	100	D4041
2	4.5	14	23	100	D4019
2	5	16	25	100	D4042
2	5.5	18	27	100	D4000
3	3.5	24	31	100	D4025
3	4	28	34	100	D4043
3	4.5	32	38	100	D4044
3	5	35	41	100	D4045
3	5.5	39	45	100	D4046
3	6	42	48	100	D4001
3	6	42	48	250	D4131
3	7	49	54	100	D4020
3	8	57	65	100	D4021
3.5	4	38	42	100	D4032
3.5	4.5	43	46	100	D4047
3.5	5	48	51	100	D4048
3.5	5.5	53	55	100	D4033
3.5	6	58	59	100	D4049
3.5	7	67	66	100	D4034
3.5	8	77	75	100	D4050
3.5	9	87	84	100	D4035
3.5	9	87	84	250	D4132
4.75	11	195	155	250	D4121
5	5	98	76	100	D4051
5	5.5	108	82	100	D4052
5	6	118	88	100	D4054
5	7	137	98	100	D4036
5	8	157	111	100	D4057
5	9	177	122	100	D4059
5	10	196	134	100	D4037
5	12	236	157	100	D4038
5	18	353	222	100	D4039
6	6	170	153	100	D4084
6	7	198	172	100	D4085
6	8	226	191	100	D4086
6	9	254	210	100	D4087
6	10	283	229	100	D4088
6	12	339	266	100	D4089
6	18	509	290	100	D4090
6.75	14	1039	305	100	D4120
8	8	402	219	100	D4091
8	9	452	237	100	D4092
8	10	502	255	100	D4093
8	12	603	292	100	D4094
8	18	904	401	100	D4095
8	20	1005	438	100	D4096

Elemental Microanalysis smooth wall capsules for liquid samples are extruded to exacting standards to ensure consistently low blank values, high quality fabrication and low weight. Smooth wall capsules can be used without any cleaning pre-treatment, but we recommend solvent cleaning for critical work.

The capsules can be sealed using a proprietary sealing tool or mole grips, available from our microanalytical sundries section.

We can manufacture capsules in sizes and materials other than those listed here. Please enquire for details.



## Round Bottom Smooth Tin Capsules

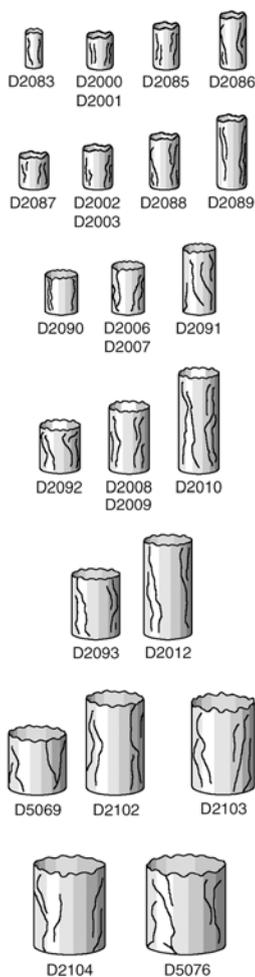
Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
5	5	82	96	100	D4010
5	8	141	130	100	D4058
5	10	180	153	100	D4061
5	12	219	176	100	D4062
5	18	337	245	100	D4003
6	6	141	126	100	D4008
6	8	198	153	100	D4066
6	10	254	181	100	D4070
6	12	311	208	100	D4072
6	18	481	290	100	D4007
6	18	481	290	1000	D4015
8	8	335	224	100	D4011
8	10	436	260	100	D4078
8	12	536	297	100	D4080
8	18	838	406	100	D4082
8	20	938	443	100	D4009

Flat Bottom Smooth Wall Tin Capsules



Round Bottom Smooth Wall Tin Capsules D4009

### Actual size



### Pressed Silver Capsules for Solids

Silver capsules may become slightly oxidised or tarnished due to oxygen and contaminants in the air. This can easily be removed by heating to 375° C in air for one hour prior to use. They should be stored long term under an inert gas. For routine use.

#### Standard weight

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
2	4.5	14	15	100	D2083
2	4.5	14	15	100	D2183
3.2	4	32	15	100	D2001
3.2	4	32	15	500	D2000
3.2	5.25	42	22	100	D2085
3.2	6.5	52	31	100	D2086
3.5	3.75	36	15	100	D2087
3.5	5	48	22	100	D2003
3.5	5	48	22	500	D2002
3.5	6.25	60	31	100	D2088
3.5	8.75	84	54	100	D2089
4	4.75	60	22	100	D2090
4	6	75	31	100	D2007
4	6	75	31	500	D2006
4	8.5	107	54	100	D2091
5	5.5	108	31	100	D2092
5	8	157	54	100	D2009
5	8	157	54	250	D2008
5	12.5	245	110	200	D2010
6	7.5	212	54	100	D2093
6	12	339	110	200	D2012
7	7	269	54	100	D5069
7	11.5	443	110	100	D2102
8	11	553	110	100	D2103
9	10.5	668	110	100	D2104
10	10	785	110	100	D5076
5	9	160	67	250	D4105

#### Ultra-light weight

3.2	4	32	10	500	D2300
3.2	4	32	10	100	D2301

### Round Bottom Smooth Silver Capsules for Liquids

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
2	5	15	34	250	D4103
3.5	4	33	90	250	D4104
3.5	5.5	47	113	250	D4102
3.5	9	81	137	100	D4101



Silver smooth capsules D4104

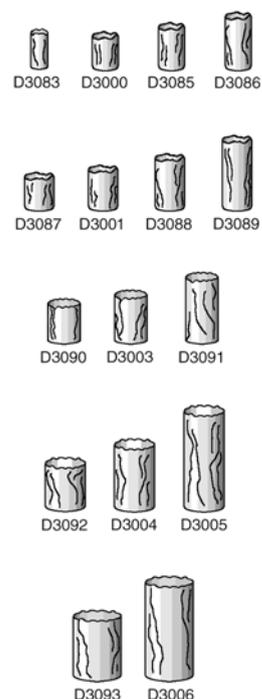
Silver smooth capsules D4104

## Pressed Aluminium Capsules for Solids

Aluminium capsules can be used in place of tin for certain applications. While solvent rinsing may remove surface traces, aluminium capsules can be pre-combusted at 550°C to remove contaminants, so are particularly recommended for low level C and N analysis.

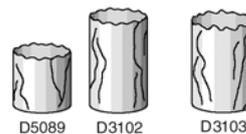
Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
2	4.5	14	4	100	D3083
3.2	4	32	4	500	D3000
3.2	5.25	42	6	100	D3085
3.2	6.5	52	8	100	D3086
3.5	3.75	36	4	100	D3087
3.5	5	48	6	500	D3001
3.5	6.25	60	8	100	D3088
3.5	8.75	84	14	100	D3089
4	4.75	60	6	100	D3090
4	6	75	8	500	D3003
4	8.5	107	14	100	D3091
5	5.5	108	8	100	D3092
5	8	157	14	250	D3004
5	12.5	245	27	200	D3005
6	7.5	212	14	100	D3093
6	12	339	27	200	D3006
7	7	269	14	100	D5089
7	11.5	443	27	100	D3102
8	11	553	27	100	D3103
9	10.5	668	27	100	D3104
10	10	785	28	100	D5097

### Actual size



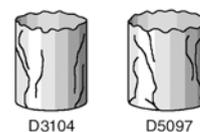
## Flat Bottom Smooth Aluminium Capsules for Liquids

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
3	7	46	32	100	D3010
3.2	7	52	40	250	D4111
3.5	9	81	53	250	D4110



## Pressed Nickel Capsules

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
4	6	75	24	250	D3507
5	8	157	40	250	D3503
5	8	157	40	250	D3502
5	12.5	245	85	100	D3500



## Round Bottom Smooth Nickel Capsules

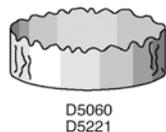
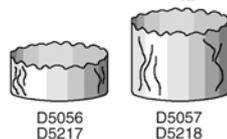
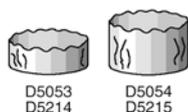
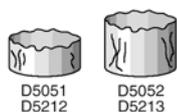
Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
5	11	200	265	100	D3506
6.5	10	375	310	100	D3508

## Round Bottom Smooth Copper Capsules

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
6	18	495	197	100	D4100



### Actual size



### Pressed Tin Pans for Solid Samples

Elemental Microanalysis pressed pans for solid samples are available in two weights - solid and ultra-light.

They can be used without any cleaning pre-treatment, but for critical samples solvent cleaning is recommended.

They should not be ultrasonically cleaned as damage may result.

#### Standard weight

Diameter (mm)	Height (mm)	Volume ( $\mu$ l)	Weight (mg)	Pack	Cat no
4	3.5	44	8	100	D5040
5	3	59	8	100	D5041
5	4.25	83	12	100	D5042
6	2.5	71	8	100	D5003
6	3.75	106	12	100	D5043
6	5	141	17	100	D5044
7	3.25	125	12	100	D5045
7	4.5	173	17	100	D5046
8	2.75	138	12	100	D5048
8	4	201	17	100	D5049
8	6.5	327	30	100	D5050
9	3.5	223	17	100	D5051
9	6	382	30	100	D5052
10	3	236	17	100	D5053
10	5.5	432	30	100	D5054
12.5	4.25	522	30	100	D5056
12.5	8.75	1074	62	100	D5057
15	7.5	1325	62	100	D5059
20	5	1571	62	100	D5060

#### Ultra-light weight

Weigh approximately 40% less than the standard range.

Diameter (mm)	Height (mm)	Volume ( $\mu$ l)	Weight (mg)	Pack	Cat no
4	3.5	44	5	100	D5200
5	3	59	5	100	D5201
5	4.25	83	8	100	D5202
6	2.5	71	5	100	D5203
6	3.75	106	8	100	D5204
6	5	141	11	100	D5205
7	3.25	125	8	100	D5206
7	4.5	173	11	100	D5207
8	2.75	138	8	100	D5209
8	4	201	11	100	D5210
8	6.5	327	19	100	D5211
9	3.5	223	11	100	D5212
9	6	382	19	100	D5213
10	3	236	11	100	D5214
10	5.5	432	19	100	D5215
12.5	4.25	522	19	100	D5217
12.5	8.75	1074	39	100	D5218
15	7.5	1325	39	100	D5220
20	5	1571	39	100	D5221



Elemental Microanalysis pressed pans for solid samples are manufactured to exacting standards to ensure consistently low blank values, high quality fabrication and uniform weight. They are available in aluminium, silver and tin.

They can be used without any cleaning pre-treatment, but for critical samples solvent cleaning is recommended. They should not be ultrasonically cleaned as damage may result.

We can manufacture pans in sizes and materials other than those listed below.

We also offer discounts for larger quantities. Please enquire for details.

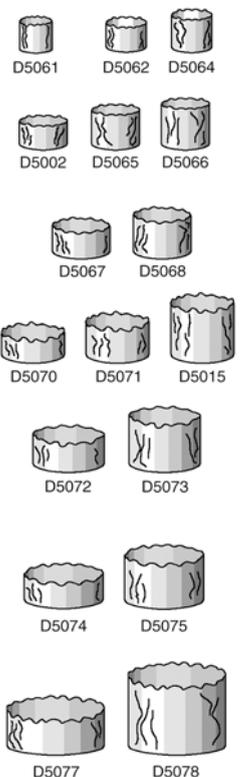
## Pressed Silver Pans for Solid Samples

Silver pans may become slightly oxidised or tarnished due to oxygen and contaminants in the air. This can easily be removed by heating to 375°C in air for one hour prior to use.

Silver pans should be stored long term under an inert gas.

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
4	3.5	44	15	100	D5061
5	3	59	15	100	D5062
5	4.25	83	22	100	D5064
6	2.5	71	15	100	D5002
6	3.75	106	22	100	D5065
6	5	141	31	100	D5066
7	3.25	125	22	100	D5067
7	4.5	173	31	100	D5068
8	2.75	138	22	100	D5070
8	4	201	31	100	D5071
8	6.5	327	54	100	D5015
9	3.5	223	31	100	D5072
9	6	382	54	100	D5073
10	3	236	31	100	D5074
10	5.5	432	54	100	D5075
12.5	4.25	522	54	100	D5077
12.5	8.75	1074	110	100	D5078
15	7.5	1325	110	100	D5080
20	5	1571	110	100	D5081

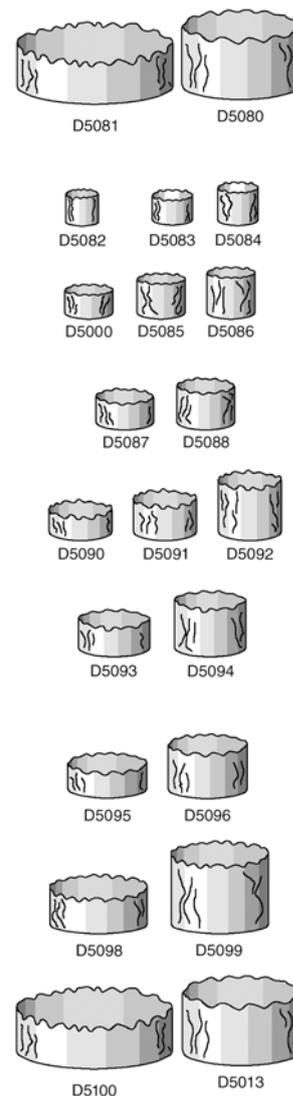
## Actual size



## Pressed Aluminium Pans for Solid Samples

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
4	3.5	44	4	100	D5082
5	3	59	4	100	D5083
5	4.25	83	6	100	D5084
6	2.5	71	4	100	D5000
6	3.75	106	8	100	D5085
6	5	141	8	100	D5086
7	3.25	125	6	100	D5087
7	4.5	173	8	100	D5088
8	2.75	138	6	100	D5090
8	4	201	8	100	D5091
8	5.5	276	55	100	D8601
8	6.5	327	14	100	D5092
9	3.5	223	8	100	D5093
9	6	382	14	100	D5094
10	3	236	8	100	D5095
10	5.5	432	14	100	D5096
12.5	4.25	522	14	100	D5098
12.5	8.75	1074	28	100	D5099
15	3	530	14	100	D5012
15	7.5	1325	28	100	D5013
20	5	1571	28	100	D5100
32	6	4825	67	25	D5011

Pressed Aluminium Pan D8601  
(Not actual size)



## Aluminium Pans for Moisture Determination

Diameter (mm)	Height (mm)	Weight (g)	Pack	Cat no
100	7	2.51	80	D5017
100	7	2.51	80	D5018



Tin Boat D5032

### Tin Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
8	8	15	0.02	960	100	250	D5032
9	4	2.5	0.1	90	56	100	D5009
9	10	20	0.2	1800	175	120	D5033
12	4	2.7	0.1	129.6	64	100	D5113
12	4	4	0.0125	192	21	100	D5022
12	4	4	0.0125	192	21	1000	D5130
12	4	4	0.02	192	36	1000	D5140
12	6	6	0.0125	432	38	100	D5023
12	6	6	0.2	432	60	500	D5131



Tin Boat D5023

### Silver Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
15	8	8	0.15	960	147	70	D5034
20	10	9	0.15	1800	190	42	D5035
12	4	2.7	0.015	129.6	15	100	D5112
12	4	4	0.015	192	36	100	D5024
12	6	6	0.015	432	55	100	D5026
9 + tab	4	2.5	0.015	90	19	100	D5008

### Aluminium Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
8	8	15	0.015	960	30	250	D5036
9 + tab	4	2.5	0.1	90	18	100	D5007
9	10	20	0.015	1800	48	120	D5037
12	4	2.7	0.1	129.6	25	100	D5010
12	4	2.7	0.1	129.6	25	500	D5016
12	4	4	0.015	192	10	100	D5030
12	4	4	0.015	192	10	1000	D5132
12	6	6	0.015	432	16	100	D5031
12	6	6	0.015	432	16	500	D5133
24	7	7	0.1	1176	180	100	D5142



Nickel Boats D5006

### Nickel Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
9 + tab	4	2.5	0.15	90	81	100	D5006
12	4	2.7	0.15	129.6	122	100	D5111
12	4	4	0.13	192	27	100	D5122
12	6	6	0.13	432	44	100	D5123

### Copper Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
9	4	2.7	0.1	97.2	83	100	D5020
9 + tab	4	2.5	0.1	90	109	100	D5114

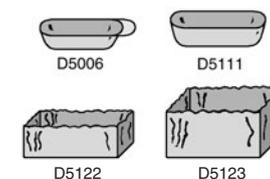
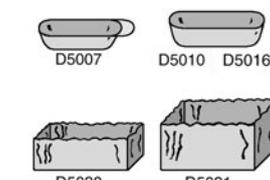
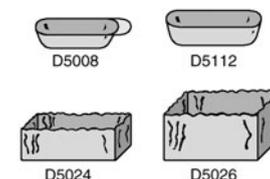
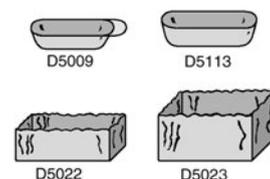
### Platinum Weighing Boats

Length (mm)	Width (mm)	Height (mm)	Thickness (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
9 + tab	4	2.5	0.1	90	75	1	D5004
9 + tab	4	2.5	0.05	90	75	1	D5005
12	4	2.7	0.05	129.6	99	1	D5115
12	4	2.7	0.1	129.6	198	1	D5110



Platinum Boat D5004

### Actual size



## Foil Discs for Glass Fibre Filters, Fibrous and Sticky Samples

Elemental Microanalysis metal foil discs are ideal for the encapsulation of sticky, fibrous or other samples which are difficult to handle using conventional pressed capsules. A small dab or a few fibres on a disc is easily encapsulated by folding the foil around the sample. With a little practice even glass fibre filters can be rolled up in foil discs to form neat cylinders which fit the instrument carousel.

Foil discs available in other materials.

(all outlines actual size)

D1060  
D1070  
D2060  
D3060

D1061  
D1071  
D2061  
D3061

D1063  
D1073  
D2063  
D3063

D1064  
D1074  
D2064  
D3064

D1065  
D1066  
D1076  
D2066  
D3066

### Standard weight tin foil discs

Manufactured from high purity tin. Suitable for routine use.

Diameter (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
11	0.0125	8	100	D1060
13.5	0.0125	12	100	D1061
16	0.0125	17	100	D1063
21	0.0125	30	100	D1064
30	0.0125	62	100	D1066
34	0.0125	82	100	D1059
35	0.0125	87	100	D1078
62	0.0125	271	100	D1079
85	0.0125	510	100	D1077

### Heavy weight tin foil discs

Diameter (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
30	0.2	100	100	D1065

### Ultra-light weight tin foil discs

Weigh approximately 40% less than the standard range. These lower weight squares produce less swarf build-up in combustion tubes, have lower blank values and provide more available oxygen for the effective combustion of the sample.

Diameter (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
11	0.008	5	100	D1070
13.5	0.008	8	100	D1071
16	0.008	11	100	D1073
21	0.008	19	100	D1074
30	0.008	39	100	D1076

### Silver foil discs

Manufactured from high purity silver foil. Suitable for routine use.

Diameter (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
11	0.015	15	100	D2060
13.5	0.015	22	100	D2061
16	0.015	31	100	D2063
21	0.015	54	100	D2064
30	0.015	110	100	D2066

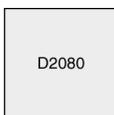
### Aluminium foil discs

Manufactured from high purity aluminium foil. Suitable for routine use.

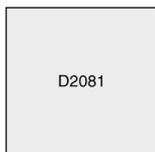
Diameter (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
11	0.015	4	100	D3060
13.5	0.015	6	100	D3061
16	0.015	8	100	D3063
21	0.015	14	100	D3064
30	0.015	28	100	D3066



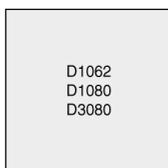
(all outlines actual size)



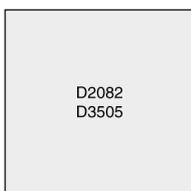
D2080



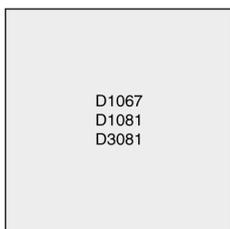
D2081



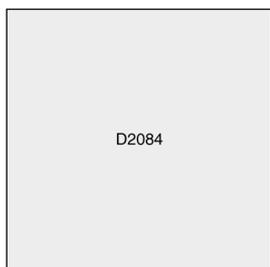
D1062  
D1080  
D3080



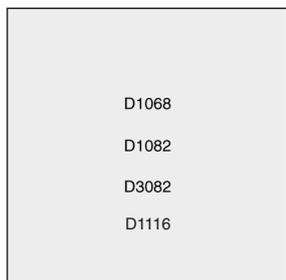
D2082  
D3505



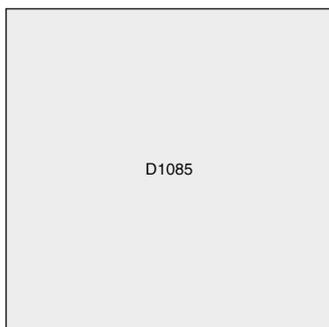
D1067  
D1081  
D3081



D2084



D1068  
D1082  
D3082  
D1116



D1085

## Foil Squares

### Standard weight tin foil squares

Manufactured from high quality tin. Suitable for routine use.

Size (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
22 x 22	0.0125	4	100	D1062
30 x 30	0.0125	82	100	D1067
37 x 37	0.0125	125	100	D1068
37 x 37	0.0125	125	400	D1116
43 x 43	0.0125	168	100	D1085
50 x 50	0.0125	225	100	D1115
50 x 50	0.0125	225	500	D1118

### Ultra-light weight tin foil squares

Weigh approximately 40% less than the standard range. These lower weight squares produce less swarf build-up in combustion tubes, have lower blank values and provide more available oxygen for the effective combustion of the sample.

Size (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
22 x 22	0.008	28	100	D1080
30 x 30	0.008	52	100	D1081
37 x 37	0.008	80	100	D1082

### Silver foil squares

Manufactured from high purity silver. Suitable for routine use.

Size (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
15 x 15	0.015	35	100	D2080
20 x 20	0.015	63	100	D2081
25 x 25	0.015	98	100	D2082
35 x 35	0.015	192	100	D2084

### Aluminium foil squares

Manufactured from high purity aluminium. Suitable for routine use.

Size (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
22 x 22	0.015	19	100	D3080
30 x 30	0.015	36	100	D3081
37 x 37	0.015	55	100	D3082

### Nickel foil squares

Suitable for routine use. Annealed.

Size (mm)	Thickness (mm)	Weight (mg)	Pack	Cat no
25 x 25	0.015	83	100	D3505

## Other Sample Encapsulation

Cat no	Pack	Description
D1117	190	Rapid Caps
D9004	400	Gel Capsules 7.5 x 24mm
D9005	400	Gel Capsules 8.5 x 25mm
E2021	100	Gel Capsules 5 x 15mm
E2141	100	Gel Capsules 5.5 x 17mm
E2142	100	Gel Capsules 6 x 19mm

### Tin Foil Cones

Weight (mg)	Pack	Cat no
120	100	D9001
120	1500	D9010
224	100	D9002
224	400	D9003

### Nickel Boat Liners

Length (mm)	Width (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
50	15	8	6000	200	100	D5300
66	21	11	15246	368	10	D5310

### Tin Foil Evaporating Cups

Ideal for drying liquid samples down to residues prior to feeding into an elemental analyser. The shape has been designed so that the residue forms in the bottom of the cup and allows easy folding. Capacity is approximately 10 cc.

Diameter (mm)	Height (mm)	Volume (µl)	Weight (mg)	Pack	Cat no
24	28	4220.16	390	48	D8012

Elemental Microanalysis metal foil squares are ideal for the encapsulation of sticky, fibrous or other samples which are difficult to handle using conventional pressed capsules. A small dab or a few fibres on a square is easily encapsulated by folding the foil around the sample. With a little practice even glass fibre filters can be rolled up in foil squares to form neat cylinders which fit the instrument carousel.

Foil squares available in other materials.



Cellulose Capsules D9004



Tin Foil Cone D9001



Tin Foil Evaporating Cup D8012

Cell Wells

Cat no	Pack	Description
E2065	1	Cell Well 12 Flat Bottom
E2064	1	Cell Well 24 Flat Bottom
E2063	1	Cell Well 48 Flat Bottom
E2066	1	Cell Well 6 Flat Bottom
E2044	1	Cell Well 96 Flat Bottom
E2062	1	Cell Well 96 Round Bottom



Spatulas

Cat no	Pack	Description
E2000	1	Spatula Stainless Steel
E2290	1	Spatula Micro Single Ended
E2291	1	Spatula Micro Spoon Formed Bent
E2292	1	Spatula Micro Spoon
F5103	1	Spatula double ended
F5104	1	Spatula double ended (Left Handed)



Forceps

Cat no	Pack	Description
E2016	1	Forceps Stainless Steel Curved Points
E2017	1	Forceps Stainless Steel Straight Points
E2018	1	Forceps Stainless Steel Blunt Points
E2293	1	Dressing Forceps curved points



Sealing Devices

Cat no	Pack	Description
E2043	1	Mole Grips Miniature
F5109	1	Sealing Device for Liquids
F5111	1	Sealing Device Solid Samples



Chromosorb and Absorbent Discs

Cat no	Pack	Description
B3015	10g	Chromosorb W 30-60 Mesh Acid Washed
B3017	25g	Chromosorb W 30-60 Mesh Acid Washed
B3018	100g	Chromosorb W 30-60 Mesh Acid Washed
E2105	100	Absorbent Discs 3.5mm 502 283



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