



catalogue | Capsules for elemental analysis

Ordering Information

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

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 Online: www.elementalmicroanalysis.com
 Mail: Elemental Microanalysis Ltd
 1 Hameldown Road
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 Devon EX20 1UB
 United Kingdom

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

Shipping Worldwide

We regularly ship directly to customers in all parts of the world, and our staff are highly experienced in shipping dangerous goods. Local dealers are available in many countries: contact us for details.



www.elementalmicroanalysis.com

Available locally from:

Literature Available from Elemental Microanalysis

Catalogues, product sheets and other literature are available electronically by downloading from the [Download Documents](#) page on our website; printed version are available by e-mailing your request to enquiries@microanalysis.co.uk, or by filling out and returning the Literature Request Form on p29–30 of this catalogue.

Catalogues

Our catalogues cover the following areas of elemental analysis:

- Micro CHNOS
- IRMS Supplement
- Inorganic
- Organic Carbon/Sulphur
- Macro CN/CHN/CNS/N-protein
- Nitrogen/Protein
- Capsules
- Laboratory Analysis Service

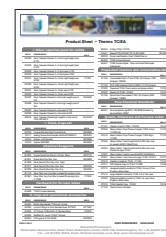
Our catalogues are also available to download from the website.



Product Sheets

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

A complete list of all instruments we support can be found on p29–30 of this catalogue.



Contract Analysis Service

Our UKAS accredited ISO 17025 laboratory offers analysis testing for organic, inorganic and stable isotopes. For additional details see p28 of this catalogue, or visit our website, elementallab.co.uk, for full details of services and sample submission forms.



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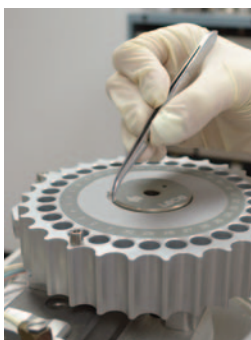
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- 6 Pressed tin capsules and pans
 Pressed tin capsules and pans for solid samples are manufactured to exacting standards, ensuring consistently low blank values and uniform weight.
 Available in: Standard weight – for routine use
 Ultra-light weight – 40% lighter than standard weight, – less swarf build-up, lower blank values, improved oxygen availability
 Standard weight ultra-clean – standard weight capsules, solvent washed
 Ultra-light weight ultra-clean – 40% lighter than standard weight, solvent washed
- 10 Smooth wall tin capsules
 Smooth wall tin capsules for liquid samples are extruded to exacting standards, ensuring consistently low blank values, high quality fabrication and low weight. Available with a flat base or a round base.
- 11 Tin weighing boats
 Tin weighing boats for solid or liquid samples; available in various weights.
- 12 Tin foil squares, discs, cones and cups
 Tin foil squares and discs are ideal for encapsulating sticky, fibrous or other samples; they are available in standard and ultra-light weights. Tin cones are useful for larger samples, and tin cups are useful for evaporation of samples.
- 14 Pressed silver capsules and pans
 Pressed silver capsules for solid samples are available in standard and ultra-light weights, and pressed silver pans are available in standard weight.
- 16 Smooth wall silver capsules
 Smooth wall silver capsules for liquid samples are available with a round base. Precise manufacturing ensures consistently low blank values, high quality fabrication and low weight.
- 16 Silver weighing boats
 Silver weighing boats for solid or liquid samples, manufactured from high purity silver.
- 16 Silver foil discs and squares
 Silver foil squares and discs manufactured from high purity silver foil, ideal for the encapsulation of sticky, fibrous or other samples.
- 17 Pressed aluminium capsules and pans
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- 19 Smooth wall aluminium capsules
- 19 Aluminium weighing boats, foil discs and squares
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The use of OEM part numbers is intended for convenience only, and does not imply that the products are of OEM origin. All Elemental Microanalysis products are guaranteed to be of high quality and are deemed to be suitable alternatives in the stated instruments. All OEM trademarks acknowledged.

Introduction

About the Company

Elemental Microanalysis has grown from small beginnings over 40 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, warehouse and laboratory complex in Devon, UK.



You learn a lot in 40 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 9001:2015 certified 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 we can offer 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 30 years.





'price is what you pay –
value is what you get'

Guaranteed quality

Our company's quality system is certified to ISO 9001:2015 by LRQA, we have an ISO/IEC 17025:2017 UKAS accredited Testing Laboratory, and we are an ISO/IEC 17034:2016 UKAS accredited Reference Material Producer. 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 brand of product 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 friendly 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 need 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. Check the website and join our mailing list to keep up-to-date with the latest products and developments.

Pressed tin capsules for solid samples

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 also offer ultra-clean capsules in certain sizes of both standard and ultra-light weight capsules.

Standard weight pressed tin capsules

Pressed tin capsules for routine use.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
2	4.5	14	8	100	D1083
3.2	4	32	8	100	D1001
3.2	4	32	8	250	D1043
3.2	4	32	8	500	D1000
3.2	5.25	42	12	100	D1109
3.2	5.25	42	12	250	D1004
3.2	6.5	52	17	100	D1086
3.5	3.75	36	8	100	D1087
3.5	5	48	12	100	D1003
3.5	5	48	12	250	D1005
3.5	5	48	12	500	D1002
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	250	D1038
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	30	200	D1042
5	8	157	30	250	D1008
5	9	177	36	100	D1023
5	9	177	36	200	D1026
5	9	177	36	250	D1021
5	9	177	36	400	D1022
5	12.5	245	62	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
10	10	785	62	50	D5101
10	10	785	62	100	D5055

Guide by actual size

2–3.2 mm diameter capsules

				
Std weight	D1083	D1001 D1043 D1000	D1109 D1004	D1086
Ultra-light	D1084	D1014	D1108	D1094

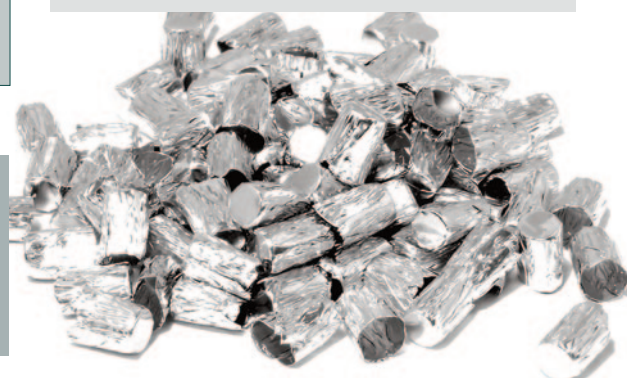
3.5 mm diameter capsules

				
Std weight	D1087	D1003 D1005 D1002	D1088	D1089
Ultra-light	D1095	D1015	D1096	D1097

4 mm diameter capsules

			
Std weight	D1090	D1007 D1038 D1006	D1091
Ultra-clean std weight		D1027 D1028 D1112	
Ultra-light	D1098	D1016	D1099
Ultra-clean ultra-light		D1030 D1035 D1110	

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



Do you want to find a product using the manufacturer part number?
Try our cross-reference list on p23 or use the Advanced Search tool on our website.

Pressed tin capsules

for solid samples

Guide by actual size

5 mm diameter capsules

				
Std weight	D1092	D1009 D1042 D1008	D1023 D1026 D1021 D1022	D1010
Ultra-clean, std weight		D1029 D1034 D1113		
Ultra-light	D1100	D1013 D1019	D1024 D1025	D1032
Ultra-clean, ultra-light		D1031 D1036 D1111		

6 mm diameter capsules

			
Std weight		D1093	D1012
Ultra-clean std weight		D1041 D1040	
Ultra-light		D1101	D1033

7 mm diameter capsules

		
Std weight	D5047	D1102
Ultra-clean std weight		D1037 D1114
Ultra-light	D5208	D1105

8 mm diameter capsules

			
Std weight	D1103	D1018	D1011
Ultra-light		D1106	

9–10 mm diameter capsules

		
Std weight	D1104	D5101 D5055
Ultra-light	D1107	D5216

Ultra-clean standard weight pressed tin capsules

Ultra-clean capsules are solvent-washed in acetone to ensure the removal of any surface contamination.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	6	75	17	96	D1027
4	6	75	17	250	D1028
4	6	75	17	10 x 96	D1112
5	8	157	30	96	D1029
5	8	157	30	250	D1034
5	8	157	30	10 x 96	D1113
6	7.5	212	30	96	D1041
6	7.5	212	30	10 x 96	D1040
7	7	269	30	48	D1037
7	7	269	30	10 x 48	D1114

Ultra-light weight pressed tin capsules

A range of ultra-light weight tin capsules weighing 40% less than the standard range. These lighter 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/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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	8	157	19	1000	D1019
5	9	177	24	100	D1024
5	9	177	24	250	D1025
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

Ultra-clean ultra-light weight pressed tin capsules

Ultra-light weight tin capsules weighing 40% less than the standard range; cleaned by solvent-washing in acetone to ensure the removal of any surface contamination.

Diameter (mm)	Height (mm)	Volume (μ l) (calculated)	Weight (mg) (approx average)	Pack	Part No
4	6	75	11	96	D1030
4	6	75	11	100	D1035
4	6	75	11	10 x 96	D1110
5	8	157	19	96	D1031
5	8	157	19	100	D1036
5	8	157	19	10 x 96	D1111

Pressed tin pans for solid samples

Elemental Microanalysis pressed pans 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.



Standard weight pressed tin pans

Pressed tin pans for routine use.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	3.5	44	8	100	D5040
5	3	59	8	100	D5041
5	4.25	83	12	100	D5042
5	4.25	83	12	500	D5150
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
7	7	269	30	100	D5047
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
9	6	382	30	500	D5152
10	3	236	17	100	D5053
10	5.5	432	30	100	D5054
10	10	785	62	50	D5101
10	10	785	62	100	D5055
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-clean standard weight pressed tin pans

Ultra-clean tin pans are solvent-washed in acetone to ensure the removal of any surface contamination.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
7	7	269	30	48	D1037
7	7	269	30	10 x 48	D1114

Guide by actual size

4–5 mm diameter pans

			
Std weight	D5040	D5041	D5042 D5150
Ultra-light	D5200	D5201	D5202
Ultra-clean ultra-light	D5222		

6 mm diameter pans

			
Std weight	D5003	D5043	D5044
Ultra-light	D5203	D5204	D5205

7 mm diameter pans

			
Std weight	D5045	D5046	D5047
Ultra-clean std weight			D1037 D1114
Ultra-light	D5206	D5207	D5208

8 mm diameter pans

			
Std weight	D5048	D5049	D5050
Ultra-light	D5209	D5210	D5211

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

Pressed tin pans

for solid samples

Guide by actual size

9 mm diameter pans

		
Std weight	D5051	D5052 D5152
Ultra-light	D5212	D5213

10 mm diameter pans

			
Std weight	D5053	D5054	D5101 D5055
Ultra-light	D5214	D5215	D5216

12.5 mm diameter pans

		
Std weight	D5056	D5057
Ultra-light	D5217	D5218

15–20 mm diameter pans

		
Std weight	D5059	D5060
Ultra-light	D5220	D5221

Ultra-light weight pressed tin pans

Ultra-light pressed tin pans weigh approximately 40% less than the standard range. These lighter pans 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/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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
7	7	269	19	100	D5208
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
10	10	785	39	100	D5216
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

Ultra-clean ultra-light weight pressed tin pans

Ultra-clean tin pans are solvent-washed in acetone to ensure the removal of any surface contamination.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	3.5	44	5	100	D5222



D5208

Smooth tin capsules for liquid samples

Elemental Microanalysis smooth wall tin 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 (F5109), or mole grips (E2043), available from our microanalytical sundries section.

Flat base smooth wall tin capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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	50	D4004
2	5	16	25	100	D4042
2	5	16	25	250	D4053
2	5.5	17	27	100	D4000
3	3.5	25	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	52	100	D4001
3	6	42	52	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	72	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	90	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	501	305	100	D4120
8	8	402	219	100	D4091
8	9	452	237	100	D4092
8	10	503	320	100	D4093
8	12	603	292	100	D4094
8	18	905	401	100	D4095
8	20	1005	438	100	D4096

Guide by actual size

1–2 mm diameter capsules



3 mm diameter capsules



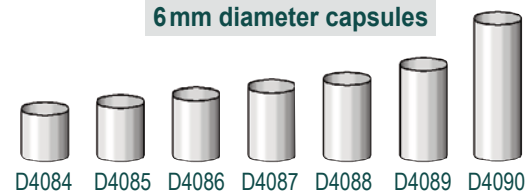
3.5 mm diameter capsules



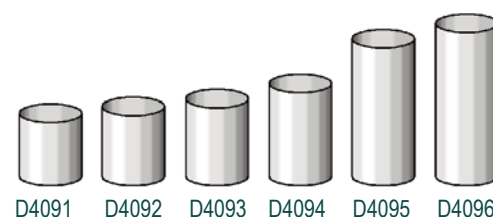
5 mm diameter capsules



6 mm diameter capsules



8 mm diameter capsules

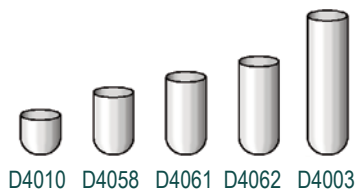


Smooth tin capsules

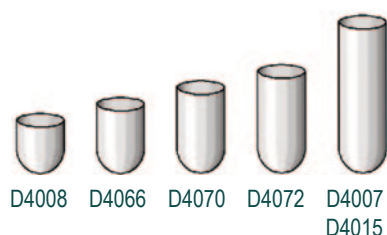
for liquid samples

Guide by actual size

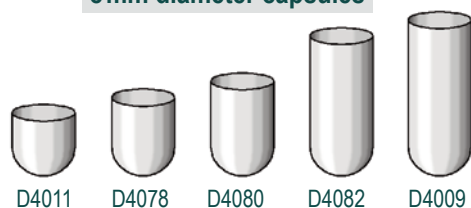
5 mm diameter capsules



6 mm diameter capsules



8 mm diameter capsules



Round base smooth wall tin capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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

Tin weighing boats

for solid and liquid samples

Tin weighing boats

Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
6	4	4	0.02	96	14	200	D5028
6	4	4	0.02	96	14	1000	D5029
9	4	2.5	0.1	90	56	100	D5009
12	4	2.7	0.1	129	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	0.0125	432	38	500	D5131
15	8	8	0.02	960	100	250	D5032
20	10	9	0.02	1800	175	120	D5033



Guide by actual size



Tin foil squares

for fibrous or sticky samples

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 disc or 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 to form neat cylinders which fit the instrument carousel.

These foils can also be formed into compressed pellets using the appropriate size of manual sample press, shown on page 22 of this catalogue.

Guide by actual size

Standard weight tin foil squares

Standard weight tin foil squares, manufactured from high quality tin. Suitable for routine use.

Size/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part No
22 x 22	0.0125	44	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
50 x 50	0.0125	225	1500	D1119

Ultra-light weight tin foil squares

Tin foil squares weighing approximately 40% less than the standard range.

Size/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part 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

Std weight D1062

Ultra-light D1080

Std weight D1067

Ultra-light D1081

Std weight D1068
D1116

Ultra-light D1082

Std weight D1115
D1118
D1119

Std weight D1085

Tin foil cones

Our tin foil cones are pre-formed from tin foil squares and offer great labour savings.

Weight/mg (approx average)	Foil size	Pack	Part No
125	37 x 37	100	D9001
125	37 x 37	1500	D9010
225	50 x 50	100	D9002
225	50 x 50	400	D9003

Tin foil evaporating cups

Ideal for drying liquid samples down to residue prior to feeding into an analyser. The shape has been designed so that the residue forms in the bottom of the cup, and allows easy folding.

Diameter/mm	Height/mm	Volume/ml (calculated)	Weight/mg (approx average)	Pack	Part No
24	28	5	390	48	D8012

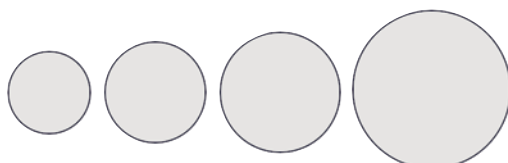
Tin foil discs

for fibrous or 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 or 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 to form neat cylinders which fit the instrument carousel.



Guide by actual size



Std weight	D1060	D1061	D1063	D1064
Ultra-light	D1070	D1071	D1073	D1074

Std weight	D1066
Heavy	D1065
Ultra-light	D1076

D1059

D1078

D1079

D1077

Standard weight tin foil discs

Manufactured from high purity tin. Suitable for routine use.

Diameter/mm	Thickness/mm	Weight/mg <i>(approx average)</i>	Pack	Part 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

Tin foil disc weighing approximately 60% more than the standard range.

Diameter/mm	Thickness/mm	Weight/mg <i>(approx average)</i>	Pack	Part No
30	0.02	100	100	D1065

Ultra-light weight tin foil discs

Tin foil discs weighing approximately 40% less than the standard range.

Diameter/mm	Thickness/mm	Weight/mg <i>(approx average)</i>	Pack	Part 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

These foils can also be formed into compressed pellets using the appropriate size of manual sample press, shown on page 22 of this catalogue.

Pressed silver capsules and pans

for solid samples

Elemental Microanalysis pressed silver capsules and pans for solid samples are available in standard and ultra-light weights, are manufactured to ensure consistently low blank values and uniform weight. We also offer ultra-clean solvent washed capsules in some sizes of standard weight silver capsules.

Silver is usually used to encapsulate samples for oxygen determinations, or when acidifying samples in an open capsule to remove inorganic carbon. In the latter case, after acidification and drying, many users then enclose the sample in a tin capsule to seal in the surface residual acid and ensure the sample does not spill. Silver does not combust like tin, but melts, forming a pool in the ash/swarf crucible. Using light weight silver capsules if possible will result in less residual silver.

Standard weight pressed silver capsules

For routine use.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
2	4.5	14	15	100	D2083
2	4.5	14	15	500	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	9	177	62	100	D2015
5	9	177	62	250	D2014
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

Ultra-clean standard weight pressed silver capsules

Ultra-clean capsules are solvent-washed in three different polarity solvents to ensure the removal of any surface contamination.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	6	75	31	96	D2027
4	6	75	31	250	D2028
5	8	157	54	96	D2029
5	8	157	54	250	D2030
6	12	339	110	200	D2013

Guide by actual size

2–3.2 mm diameter capsules

Std weight	D2083 D2183	D2001 D2000	D2085	D2086
Ultra-light		D2300 D2301		

3.5 mm diameter capsules

Std weight	D2087	D2003 D2002	D2088	D2089
Ultra-light		D2303 D2316 D2302		

4 mm diameter capsules

Std weight	D2090	D2007 D2006	D2091
Ultra-clean std weight		D2027 D2028	
Ultra-light		D2307 D2313 D2306 D2019	

5 mm diameter capsules

Std weight	D2092	D2009 D2008	D2015 D2014	D2010
Ultra-clean, std weight		D2029 D2030		
Ultra-light		D2309 D2308	D2315 D2314	D2310

6 mm diameter capsules

Std weight	D2093	D2012
Ultra-clean std weight		D2013

7–8 mm diameter capsules

Std weight	D5069	D2102	D2103
Ultra-light			D2311

9–10 mm diameter capsules

Std weight	D2104	D5076
Ultra-light	D2312	

Pressed silver capsules

for solid samples



Ultra-light weight pressed silver capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
3.2	4	32	10	500	D2300
3.2	4	32	10	100	D2301
3.5	5	48	11	100	D2303
3.5	5	48	11	250	D2316
3.5	5	48	11	500	D2302
4	6	75	17	100	D2307
4	6	75	17	250	D2313
4	6	75	17	500	D2306
4	6	75	17	1000	D2019
5	8	157	38	100	D2309
5	8	157	38	250	D2308
5	9	177	43	100	D2315
5	9	177	43	250	D2314
5	12.5	245	70	100	D2310
8	11	553	70	100	D2311
9	10.5	668	70	100	D2312

Silver capsules or 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. They should be stored long term under an inert gas.

Pressed silver pans

for solid samples

Guide by actual size

4–5 mm diameter pans



6 mm diameter pans



7 mm diameter pans



8 mm diameter pans



9 mm diameter pans



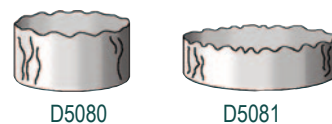
10 mm diameter pans



12.5 mm diameter pans



15–20 mm diameter pans



Pressed silver pans made from standard weight silver foil, for routine use.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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
7	7	269	54	100	D5069
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
10	10	785	110	100	D5076
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

Smooth wall silver capsules

for liquid samples

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
2	5	15	34	250	D4103
2	5	15	34	50	D4106
3.5	4	33	90	250	D4104
3.5	5.5	47	113	250	D4102
3.5	9	81	137	100	D4101
3.5	9	81	137	250	D4109

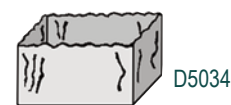
Silver capsules may become slightly oxidised or tarnished due to oxygen and contaminants in the air. This can easily be removed by heating to 375° C in air for one hour prior to use. They should be stored long term under an inert gas.



Silver weighing boats

for solid and liquid samples

Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
6	4	4	0.015	96	24	500	D5127
9 + tab	4	2.5	0.015	90	19	100	D5008
12	4	2.7	0.015	129	15	100	D5112
12	4	4	0.015	192	36	100	D5024
12	4	4	0.015	192	36	500	D5039
12	6	6	0.015	432	66	100	D5026
15	8	8	0.015	960	147	70	D5034
20	10	9	0.015	1800	190	42	D5035

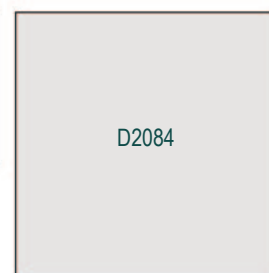
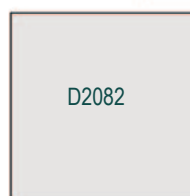


Silver foil squares

for fibrous or sticky samples

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

Size/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part 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



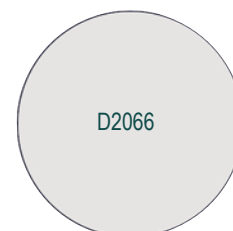
These foils can also be formed into compressed pellets using the appropriate size of manual sample press, shown on page 22 of this catalogue.

Silver foil discs

for fibrous or sticky samples

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

Diameter/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part 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



Pressed aluminium capsules

for solid samples

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

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.

Standard weight pressed aluminium capsules

Pressed aluminium capsules for routine use.

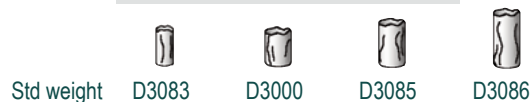
Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
2	4.5	14	4	100	D3083
3.2	4	32	4	500	D3000
3.2	5.25	42	6	100	D3085
3.2	6.5	52	8	100	D3086
3.5	3.75	36	4	100	D3087
3.5	5	48	6	500	D3001
3.5	6.25	60	8	100	D3088
3.5	8.75	84	14	100	D3089
4	4.75	60	6	100	D3090
4	6	75	8	500	D3003
4	8.5	107	14	100	D3091
5	5.5	108	8	100	D3092
5	8	157	14	250	D3004
5	9	177	19	250	D3007
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

Ultra-clean pressed aluminium capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	6	75	8	96	D3027
4	6	75	8	250	D3028
5	8	157	14	96	D3029
5	8	157	14	250	D3030

Guide by actual size

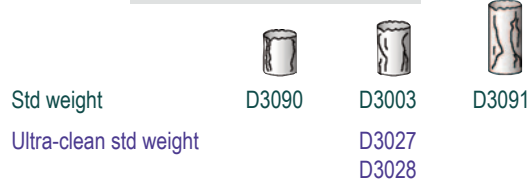
2–3.2 mm diameter capsules



3.5 mm diameter capsules



4 mm diameter capsules



5 mm diameter capsules



6 mm diameter capsules



7–8 mm diameter capsules



9–10 mm diameter capsules



Pressed aluminium pans

Elemental Microanalysis pressed aluminium pans for solid samples are available in standard and heavy weights. They are manufactured to exacting standards, ensuring consistently low blank values and uniform weight.



D8601

Pressed aluminium pans

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part 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	5	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
7	7	269	14	100	D5089
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
10	10	785	28	100	D5097
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

Guide by actual size

4–5 mm diameter pans



6 mm diameter pans



7 mm diameter pans



8 mm diameter pans



9 mm diameter pans



10 mm diameter pans



12.5 mm diameter pans



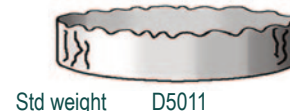
15 mm diameter pans



20 mm diameter pan



32 mm diameter pan



Aluminium pans for moisture determination

Diameter/mm	Height/mm	Weight/g	Pack	Part No
100	7	2.51	80	D5017
100	7	2.51	800	D5018

Smooth wall aluminium capsules

for liquid samples

Guide by actual size

2.7 mm 3 mm 3.5 mm diameter

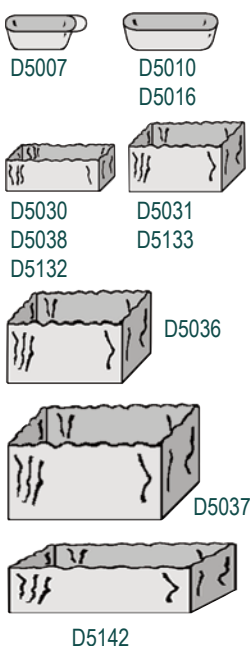


Flat base smooth wall aluminium capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
2.7	7	40	40	250	D4111
3	7	49	32	100	D3010

Aluminium weighing boats

for solid and liquid samples



Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
9 + tab	4	2.5	0.1	90	18	100	D5007
12	4	2.7	0.1	129	25	100	D5010
12	4	2.7	0.1	129	25	500	D5016
12	4	4	0.015	192	10	100	D5030
12	4	4	0.015	192	10	250	D5038
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
15	8	8	0.015	960	30	250	D5036
20	10	9	0.015	1800	48	120	D5037
24	7	7	0.1	1176	180	100	D5142

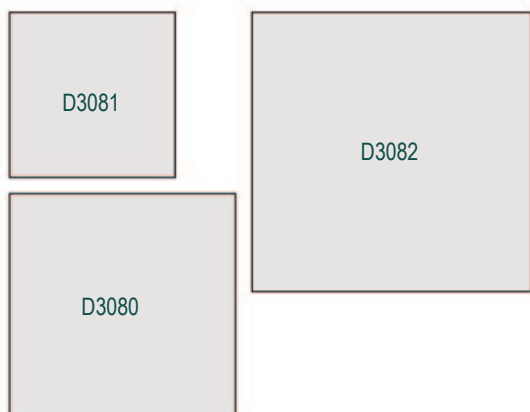
Aluminium foil discs

for fibrous or sticky samples



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

Diameter/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part 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



Aluminium foil squares

for fibrous or sticky samples

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

Size/mm	Thickness/mm	Weight/mg (approx average)	Pack	Part 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 encapsulation

Pressed nickel capsules

For routine use.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
4	6	75	24	250	D3507
5	8	157	40	250	D3502
5	12.5	245	85	100	D3500

Pressed nickel capsules, 1mm hole in base

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
5	8	157	40	250	D3503

Ultra-clean pressed nickel capsules

Ultra-clean capsules are solvent-washed in three different polarity solvents to ensure the removal of any surface contamination.

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
5	8	157	40	96	D3504

Flat base smooth wall nickel capsules

Diameter (mm)	Height (mm)	Volume (μ l) (calculated)	Weight (mg) (approx average)	Pack	Part No
3.5	10	72	130	100	D3510
7	14.5	558	523	100	D3509

Round base smooth wall nickel capsules

Diameter (mm)	Height (mm)	Volume (μ l) (calculated)	Weight (mg) (approx average)	Pack	Part No
5	11	216	265	100	D3506
6.5	10	332	310	100	D3508



D3509



D3506



D5006

Nickel weighing boats

for solid and liquid samples

Nickel weighing boats

Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
9 + tab	4	2.5	0.15	90	81	100	D5006
12	4	2.7	0.15	129	122	100	D5111
12	4	4	0.013	192	27	100	D5122
12	6	6	0.013	432	44	100	D5123



D5006



D5111



D5122



D5123

Nickel foil squares

Nickel foil squares

Suitable for routine use. Annealed.

Size/mm	Thickness/mm	Weight/mg	Pack	Part No
25 x 25	0.015	83	100	D3505

D3505



Other sample encapsulation

Round base smooth wall copper capsules

Diameter/mm	Height/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
6	18	509	197	100	D4100

Copper weighing boats

Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
9 + tab	4	2.5	0.1	90	63	100	D5114
12	4	2.7	0.1	129	83	100	D5020

Platinum weighing boats

Length/mm	Width/mm	Height/mm	Thickness/mm	Volume/ μ l (calculated)	Weight/mg (approx average)	Pack	Part No
9 + tab	4	2.5	0.1	90	150	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



Gelatin capsules

Gelatin capsules are used mainly in oxygen flask combustion

Description	Pack	Part No
Gel Capsules 5 x 15mm	100	E2021
Gel Capsules 5.5 x 17mm, size 3	100	E2141
Gel Capsules 6 x 19mm, size 2	100	E2142
Gel Capsules 6.5 x 21mm, size 1	100	E2143
Gel Capsules 7 x 23mm, size 0	100	E2144
Gel Capsules 8 x 25mm, size 00	100	E2145
Gel Capsules 9 x 27mm, size 000	100	E2146
Gel Capsules 9 x 27mm, size 000	1000	E2147

D9004



Cellulose capsules

Cellulose capsules are useful in N/Protein analysis, as cellulose has a very low N blank, and it produces only $\frac{1}{20}$ of the ash that tin does.

Description	Pack	Part No
Rapid Caps	190	D1117
Cel Capsules 7.5 x 24mm	400	D9004
Cel Capsules 8.5 x 25mm	400	D9005

Accessories

Multiwell plates

Multiwell plates are used to store weighed samples prior to analysis. The use of the silicone seal for the 96-cell plate will help prevent cross-contamination if samples leak during transport.

Part No	Description	Cell diam/mm	Pack
E2066	Multiwell Plate, 6 Cell Flat Bottom	35	1
E2065	Multiwell Plate, 12 Cell Flat Bottom	21	1
E2064	Multiwell Plate, 24 Cell Flat Bottom		1
E2063	Multiwell Plate, 48 Cell Flat Bottom	10	1
E2044	Multiwell Plate, 96 Cell Flat Bottom	7	1
E2062	Multiwell Plate, 96 Cell Round Bottom	7	1
E2079	Multiwell Plate, 96 Cell Flat Bottom, bulk pack	7	10
E2278	Silicone seal for 96 cell multiwell plate (1 seal)	—	1
E2279	Silicone seal for 96 cell multiwell plate, bulk pack	—	10

E2044



Chromosorb and absorbent discs

Absorbent materials for use when preparing liquid samples in pressed capsules.

Part No	Description	Pack
B3015	Chromosorb W 30-60 mesh Acid Washed	10g
B3017	Chromosorb W 30-60 mesh Acid Washed	25g
B3019	Chromosorb W 30-60 mesh Acid Washed	50g
B3018	Chromosorb W 30-60 mesh Acid Washed	100g
E2105	Absorbent Discs 3.5mm	100

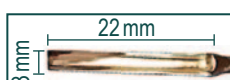
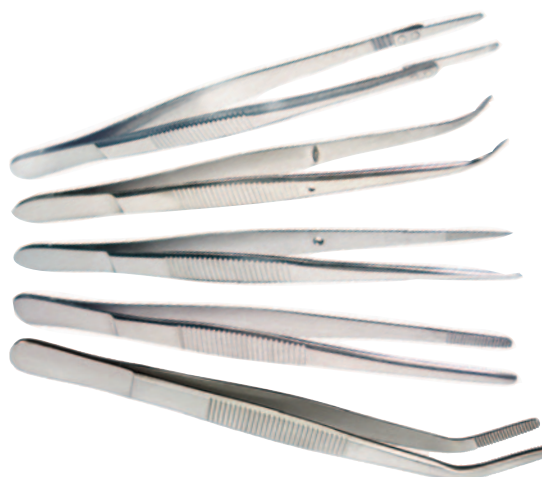
E2105



Tools and accessories

Forceps

D7010	Forceps Platinum Tipped - length 130mm
E2016	Forceps Stainless Steel Curved Points - length 130mm
E2017	Forceps Stainless Steel Straight Points - length 130mm
E2018	Forceps Stainless Steel Blunt Points - length 130mm
E2293	Forceps - overall length 145mm



E2043 Mole grips, miniature



Spatulas

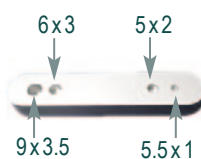
E2000	Spatula Stainless Steel 150 x 3mm
E2290	Spatula Micro Single Ended
E2291	Spatula Micro Spoon Formed Bent
E2292	Spatula Micro Spoon
E2462	Spatula
F5103	Spatula
F5104	Spatula (Left Handed)
F5108	Large Spatula For NA2000



Sealing devices

F5109 Sealing device for liquids

Suitable for use with approximate capsule sizes as shown below: (H x D/mm)



F5112 Sealing device



Manual sample presses

Available in four diameters, our compact, high quality manual presses produce uniform compressed sample pellets with ease. They can be used with flat foils, cone foils, boats or capsules.

E2534 Manual press, 5mm pellet diam.

E2535 Manual press, 7mm pellet diam.

E2536 Manual press, 9mm pellet diam.

E2537 Manual press, 10.5mm pellet diam.



Weigh the sample into the foil, lightly close it, and place in the top of the cylinder.



Use the plunger to compress the sample, drive out ambient air, and form a pellet.



Remove the pellet using the plunger to push the pellet out of the cylinder, and re-weigh.

The use of the OEM part numbers is intended for convenience only and does not imply that the products are of OEM origin.
All Elemental Microanalysis products are guaranteed to be of high quality and are deemed to be suitable alternatives.
All OEM trade marks acknowledged.

Elementar® part	Description	Part No
03 001 248	Forceps Stainless Steel Curved Points - overall length 130mm	E2016
03 674 012	Aluminium Weighing Boats 12 x 4 x 4mm pack of 1000	D5132
03 674 016	Aluminium Weighing Boats 12 x 6 x 6mm pack of 500	D5133
03 950 005	Spatula Micro Spoon Formed Bent	E2291
03 951 619	Smooth Wall Tin Capsules Flat Base 9 x 3.5mm pack of 250	D4132
03 951 620	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 250	D4131
05 000 308	Multiwell Plate 24 Cell Flat Bottom	E2064
05 000 311	Smooth Wall Tin Capsules Round Base 20 x 8mm pack of 100	D4009
05 000 312	Smooth Wall Tin Capsules Flat Base 14 x 6.75mm pack of 100	D4120
05 000 429	Tin Foil Squares Standard Weight 37 x 37mm pack of 100	D1068
05 000 429	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
05 000 481	Smooth Wall Tin Capsules Flat Base 11 x 4.75mm pack of 250	D4121
05 000 814	Aluminium Capsules Smooth Wall Flat Base 7 x 2.7mm pack of 250	D4111
05 000 815	Aluminium Capsules Smooth Wall Flat Base 9 x 3.5mm pack of 250	D4110
05 000 816	Silver Capsules Smooth Wall 5.5 x 3.5mm pack of 250	D4102
05 000 817	Silver Capsules Smooth Wall 9 x 3.5mm pack of 250	D4109
05 001 540	Silver Capsules Pressed 8 x 5mm pack of 250	D2008
05 001 727	Smooth Wall Tin Capsules Flat Base 5.5 x 3.5mm pack of 100	D4033
05 001 732	Silver Capsules Smooth Wall 5x2mm pack of 250 24005100	D4103
05 002 797	Tin Foil Cones Standard Weight 502-186B pack of 1500	D9010
05 003 394	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 250	D1008
05 003 395	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 500	D1002
05 003 396	Silver Capsules Pressed 5 x 3.5mm pack of 500	D2002
05 003 397	Silver Capsules Pressed 8 x 5mm pack of 250	D2008
05 003 398	Silver Capsules Pressed 11 x 8mm pack of 100	D2103
05 003 400	Tin Capsules Pressed Standard Weight 11 x 8mm pack of 100	D1103
11.00-1371	Silver Weighing Boats 12 x 4 x 4mm pack of 100	D5024
11.00-5057	Tin Boats Heavy Weight 12 x 4 x 4mm pack of 1000	D5140
11.02-1046	Silver Weighing Boat 6 x 4 x 4mm pack of 500 11.02-1046	D5127
11.02-1047	Tin Weighing Boat 6 x 4 x 4mm pack of 1000	D5029
12.00-1009	Tin Boats 20 x 10 x 9mm 12001009 pack of 120	D5033
12.01-0032	Tin Foil Squares Standard Weight 37 x 37mm pack of 400	D1116
12.01-0033	Tin Foil Squares Standard Weight 50 x 50mm pack of 500	D1118
12.01-1012/4	Tin Foil Squares Standard Weight 50 x 50mm pack of 100	D1115
22 133 212	Silver Weighing Boats 12 x 6 x 6mm pack of 100	D5026
22 133 213	Silver Weighing Boats 15 x 8 x 8mm 22133213 pack of 70	D5034
22 133 214	Silver Weighing Boats 20 x 10 x 9mm 22133214 pack of 42	D5035
22 137 418	Tin Boats 12 x 4 x 4mm pack of 1000	D5130
22 137 419	Tin Boats 12 x 6 x 6mm pack of 500	D5131
22 137 420	Tin Boats 15 x 8 x 8mm 22137420 pack of 250	D5032
25.00-0074	Silver Squares 35 x 35mm pack of 100	D2084
34.00-0052	Tin Foil Squares Standard Weight 50 x 50mm pack of 1500	D1119
ELTRA® part	Description	Part No
90252	Smooth Wall Tin Capsules Round Base 18 x 5mm pack of 100	D4003
90256	Nickel Capsules 11 x 5mm 502-183 pack of 100	D3506
90257	Nickel Capsules Pressed 12.5 x 5mm pack of 100	D3500
88400-0066	Nickel Capsules Pressed 12.5 x 5mm pack of 100	D3500
88400-0474	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
Europa part	Description	Part No
C1001019	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 250	D1008
C1001019	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 250	D1021
C1001020	Tin Capsules Pressed Standard Weight 6 x 4mm pack of 500	D1006
C1001021	Tin Capsules Pressed Standard Weight 12.5 x 5mm pack of 200	D1010

Cross Reference

C1001022	Tin Capsules Pressed Standard Weight 12 x 6mm pack of 200	D1012
C1001023	Tin Capsules Pressed Standard Weight 20 x 8mm pack of 100	D1011
C1001024	Tin Foil Discs Standard Weight 21mm diameter pack of 100	D1064
C1001036	Forceps Stainless Steel Straight Points - overall length 130mm	E2017
C1001037	Forceps Stainless Steel Curved Points - overall length 130mm	E2016
C1001038	Spatula Stainless Steel 150 x 3mm	E2000
C1001039	Smooth Wall Tin Capsules Flat Base 5.5 x 3.5mm pack of 100	D4033
C1001045	Multiwell Plate 96 Cell Flat Bottom	E2044
C1001072	Silver Capsules Ultra-Clean Pressed 6 x 4mm pack of 250	D2028
C1001073	Silver Capsules Pressed 12.5 x 5mm pack of 200	D2010
C1001073	Silver Capsules Pressed 12.5 x 5mm Light weight pack of 100	D2310
C1001085	Tin Capsules Pressed Ultra-Light Weight 6 x 4mm pack of 100	D1016
C1001086	Tin Capsules Ultra-Clean Pressed Ultra-Light Weight 6 x 4mm pack of 100	D1035
C1001087	Tin Foil Discs Standard Weight 16mm diameter pack of 100	D1063
C1001088	Tin Foil Discs Standard Weight 11mm diameter pack of 100	D1060
C1001089	Silver Capsules Pressed 6 x 4mm pack of 500	D2006
C1001089	Silver Capsules Pressed 6 x 4mm Light weight pack of 500	D2306
C1001090	Silver Capsules Pressed 6 x 4mm pack of 100	D2007
C1001090	Silver Capsules Pressed 6 x 4mm Light weight pack of 100	D2307
C1001091	Silver Capsules Pressed 8 x 5mm pack of 250	D2008
C1001091	Silver Capsules Pressed 8 x 5mm Light weight pack of 250	D2308
C1001092	Silver Capsules Pressed 8 x 5mm pack of 100	D2009
C1001092	Silver Capsules Pressed 8 x 5mm Light weight pack of 100	D2309
C1001093	Silver Capsules Ultra-Clean Pressed 6 x 4mm pack of 96	D2027
C1001094	Silver Discs 16mm diameter pack of 100	D2063
C1001095	Aluminium Capsules Ultra-Clean Pressed 8 x 5mm pack of 96	D3029
C1001096	Smooth Wall Tin Capsules Flat Base 5.5 x 2mm pack of 100	D4000
C1001097	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 100	D4001

Eurovector part	Description	Part No
C10-039	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 250	D1005
C10-041	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 100	D1023
C10-042	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 200	D1026
C10-043	Tin Weighing Pans/Capsules Pressed Standard Weight 10 x 10mm pack of 50	D5101
C10-044	Smooth Wall Tin Capsules Flat Base 5 x 2mm pack of 50	D4004
C10-045	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 100	D4001
C10-046	Silver Capsules Pressed 5 x 3.5mm Light weight pack of 100	D2303
C10-047	Silver Capsules Pressed 9 x 5mm pack of 100	D2015
C10-048	Silver Capsules Smooth Wall 9 x 3.5mm pack of 250	D4109
C10-083	Tin Weighing Pans/Capsules Pressed Standard Weight 10 x 10mm pack of 100	D5055
C10-167	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 250	D1021
C10-177	Silver Capsules Pressed 8 x 5mm pack of 100	D2009
C10-178	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 250	D1008
E12001	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 500	D1002
E12001	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 250	D1005
E12003	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 100	D1003
E12005	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 100	D1009
E12005	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 100	D1023
E12007	Tin Capsules Pressed Standard Weight 9 x 5mm pack of 200	D1026
E12010	Tin Weighing Pans/Capsules Pressed Standard Weight 10 x 10mm pack of 50	D5101
E12020	Smooth Wall Tin Capsules Flat Base 5 x 2mm pack of 50	D4004
E12020	Smooth Wall Tin Capsules Flat Base 5 x 2mm pack of 100	D4042
E12025	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 100	D4001
E12050	Silver Capsules Pressed 5 x 3.5mm pack of 100	D2003
E12050	Silver Capsules Pressed 5 x 3.5mm Light weight pack of 100	D2303
E12055	Silver Capsules Pressed 9 x 5mm pack of 100	D2015

The use of the OEM part numbers is intended for convenience only and does not imply that the products are of OEM origin.

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E12055	Silver Capsules Pressed 8 x 5mm Light weight pack of 100	D2309
E12060	Silver Capsules Smooth Wall 9 x 3.5mm pack of 250	D4109
Exeter part	Description	Part No
0240-0090	Platinum Weighing Boat Heavy With Handling Tab 9 x 4 x 2.5mm + Tab	D5004
0240-0090A	Platinum Weighing Boat Light With Handling Tab 9 x 4 x 2.5mm + Tab	D5005
6703-0410	Silver Capsules Ultra-Clean Pressed 6 x 4mm pack of 96	D2027
6703-0411	Aluminium Capsules Pressed 5 x 3.5mm pack of 500	D3001
6703-0416	Silver Capsules Smooth Wall 9 x 3.5mm pack of 100	D4101
6703-0418	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 100	D4001
6703-0499	Nickel Capsules with Hole in Base Pressed 8 x 5mm, pack of 250	D3503
6703-0500	Aluminium Squares 30 x 30mm pack of 100	D3081
Gerhardt part	Description	Part No
7717	Tin Capsules Pressed Standard Weight 10.5 x 9mm pack of 100	D1104
7718	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
14-0016	Tin Weighing Pans/Capsules Pressed Standard Weight 10 x 10mm pack of 100	D5055
14-0016	Tin Weighing Pans/Capsules Pressed Ultra-Light Weight 10 x 10mm pack of 100	D5216
14-0017	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
14-0017	Tin Foil Cones Standard Weight 502-186B pack of 1500	D9010
14-0072	Forceps Stainless Steel Curved Points - overall length 130mm	E2016
Horiba® part	Description	Part No
1100134735	Smooth Wall Tin Capsules Round Base 18 x 5mm pack of 100	D4003
3 200 043 904	Smooth Wall Tin Capsules Round Base 18 x 5mm pack of 100	D4003
3 200 043 919	Nickel Capsules 6.5 X 10mm pack of 100	D3508
3 200 043 944	Nickel Capsules 11 x 5mm 502-183 pack of 100	D3506
905.201.020.001	Smooth Wall Tin Capsules Round Base 18 x 5mm pack of 100	D4003
905.201.060.001	Nickel Capsules 6.5 X 10mm pack of 100	D3508
905.201.330.001	Nickel Capsules 11 x 5mm 502-183 pack of 100	D3506
LECO® part	Description	Part No
501-059	Smooth Wall Tin Capsules Round Base 18 x 5mm pack of 100	D4003
501-571	Copper Capsules Part Round Base 6 X 18mm pack of 100	D4100
502-008	Smooth Wall Tin Capsules Round Base 6 x 6mm pack of 100	D4008
502-028	Forceps Stainless Steel Straight Points - overall length 130mm	E2017
502-040	Smooth Wall Tin Capsules Round Base 18 x 6mm pack of 100	D4007
502-040-100	Smooth Wall Tin Capsules Round Base 18 x 6mm 502-040-100 pack of 1000	D4015
502-077	Smooth Wall Tin Capsules Round Base 6 x 6mm pack of 100	D4008
502-167	Smooth Wall Tin Capsules Round Base 20 x 8mm pack of 100	D4009
502-183	Nickel Capsules 11 x 5mm 502-183 pack of 100	D3506
502-183	Nickel Capsules 6.5 X 10mm pack of 100	D3508
502-186	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
502-186-100	Tin Foil Cones Standard Weight 502-186B pack of 1500	D9010
502-186-200	Tin Foil Cones Standard Weight 502-186 pack of 100	D9001
502-187	Smooth Wall Tin Capsules Flat Base 9 x 3.5mm pack of 100	D4035
502-206	Silver Capsules Pressed 4 x 3.2mm pack of 500	D2000
502-206	Silver Capsules Pressed 4 x 3.2mm Light Weight pack of 500	D2300
502-227	Tin Capsules Pressed Standard Weight 4 x 3.2mm pack of 500	D1000
502-283	Absorbent Discs 3.5mm 502-283 pack of 100	E2105
502-283	Absorbent Discs 3.5mm 502-283 pack of 100	E2105
502-397	Large Tin Foil Cones Standard Weight 502-397 pack of 100	D9002
502-397-400	Large Tin Foil Cones Standard Weight 502-397-400 pack of 400	D9003
601-963	Smooth Wall Tin Capsules Flat Base 4 x 3.5mm pack of 100	D4032
604-378	Forceps Stainless Steel Curved Points - overall length 130mm	E2016

Cross Reference

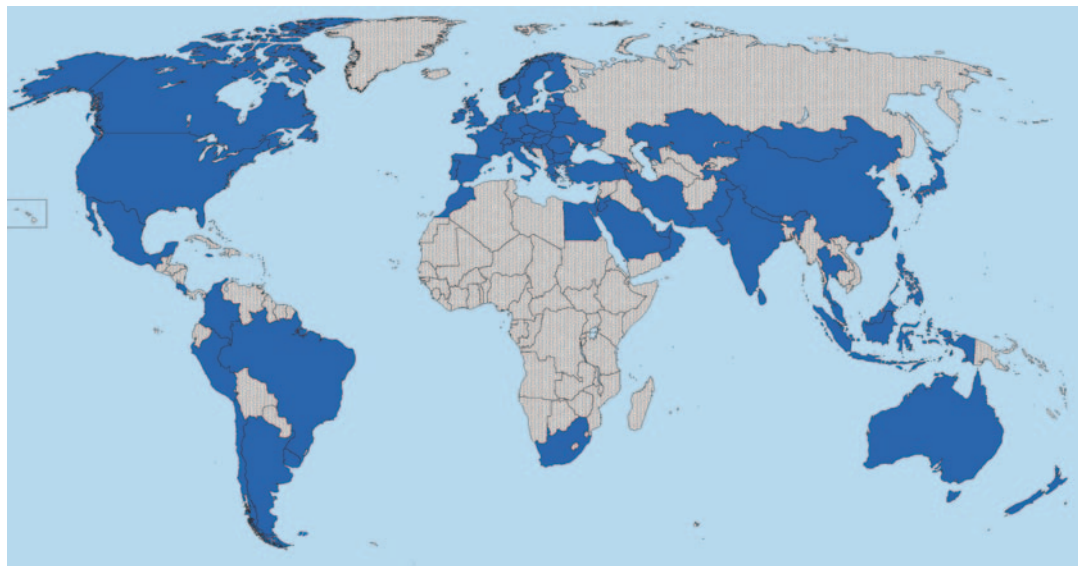
Mettler Toledo part	Description	Part No
13865	Economy Aluminium Moisture Determination Pans 7 x 100mm pack of 80	D5017
13865	Economy Aluminium Moisture Determination Pans 7 x 100mm pack of 10x80	D5018
Perkin Elmer® part	Description	Part No
0240-0090	Platinum Weighing Boat Light With Handling Tab 9 x 4 x 2.5mm + Tab	D5005
N241-0155	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 250	D1008
N241-0155	Tin Capsules Ultra-Clean Pressed Standard Weight 8 x 5mm Bulk Pack 10 x 96	D1113
N241-0244	Tin Foil Discs Standard Weight 30mm diameter pack of 100	D1066
N241-1255	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 250	D1008
N241-1255	Tin Capsules Pressed Standard Weight 8 x 5mm pack of 100	D1009
N241-1255	Tin Capsules Ultra-Clean Pressed Standard Weight 8 x 5mm pack of 96	D1029
N241-1362	Tin Capsules Pressed Standard Weight 14 x 6mm pack of 200	D1017
N241-1363	Tin Foil Discs Standard Weight 30mm diameter pack of 100	D1066
N241-1364	Silver Capsules Pressed 6 x 4mm pack of 500	D2006
N241-1364	Silver Capsules Pressed 6 x 4mm pack of 100	D2007
N241-1364	Silver Capsules Ultra-Clean Pressed 6 x 4mm pack of 96	D2027
Thermo® part	Description	Part No
1117391	Silver Capsules Pressed 4 x 3.2mm Light Weight pack of 250	D2301
1144320	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 100	D1003
20500310	Sealing Device Solid Samples ANA1400 20500310	F5111
20500500	Forceps Stainless Steel Curved Points - overall length 130mm	E2016
20500505	Forceps Stainless Steel Straight Points - overall length 130mm	E2017
20500600	Spatula 20500600	F5103
20500600	Spatula (Left Handed)	F5104
20503002	Sealing Device for Liquids 20503002	F5109
24005100	Silver Capsules Smooth Wall 5x2mm pack of 250 24005100	D4103
24005100	Smooth wall silver capsules 5 X 2mm pack of 50 24005100	D4106
24005300	Tin Capsules Pressed Standard Weight 5 x 3.5mm pack of 100	D1003
24005400	Silver Capsules Pressed 6 x 4mm Light weight pack of 100	D2307
24005411	Silver Capsules Pressed 6 x 4mm pack of 100	D2007
24006400	Tin Capsules Pressed Ultra-Light Weight 8 x 5mm pack of 100	D1013
24007000	Smooth Wall Tin Capsules 1.06 x 5.5mm (Capillary) Pack of 50	D4107
24007200	Smooth Wall Tin Capsules Flat Base 9 x 3.5mm pack of 100	D4035
24008810	Smooth Wall Tin Capsules Flat Base 6 x 3mm pack of 100	D4001
24008820	Smooth Wall Tin Capsules Flat Base 4.5 x 2mm pack of 100	D4019
24010049	Multiwell Plate 12 Cell Flat Bottom 24010049	E2065
25208000	Tin Weighing Pans/Capsules Pressed Standard Weight 10 x 10mm pack of 100	D5055
25208015	Tin Foil Discs Standard Weight 30mm diameter pack of 100	D1066
25208018	Tin Foil Discs standard weight 35mm pack of 100	D1078
25208019	Tin Foil Discs standard weight 62mm 25208019 Pack of 100	D1079
25208021	Tin Foil Discs Standard Weight 85mm diameter 252 08021 pack of 100	D1077
240 05405	Silver Capsules Pressed 8 x 5mm pack of 100	D2009
240 05410	Silver Capsules Pressed light weight 6 x 4mm box of 1000 240 05410	D2019
240 06410	Tin Containers mega box light weight 8 x 5mm set of 1000 240 06410	D1019

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Elemental Microanalysis – a global company

Our quality products are sold world-wide, via our network of Dealers and through direct sales.



■ Current sales areas world-wide

What our Quality Accreditations mean for you



Our Dealers and customers know they are receiving quality, reliable products when they work with Elemental Microanalysis. Our company's quality system is certified to BSENISO 9001:2015 by LRQA; we have an ISO/IEC17025:2017 UKAS Accredited Laboratory; and we are an ISO/IEC17034:2016 UKAS Accredited Reference Material Producer.

Consistency is critical for laboratory accuracy.

Here at Elemental Microanalysis, we offer excellence in both materials and staff, providing a reassuring, reliable and consistent choice for your business.

'reliable and consistent'

Our staff is invested in your success and ready to support Dealers, analytical laboratories and other customers in meeting the demands of modern research.



Our accredited products, services and systems are frequently reviewed as part of external quality assessment. Our quality management team are dedicated to ensuring you receive the best products and services, giving you confidence and peace of mind.

'Confidence and peace of mind'

Resources for Dealers

Elemental Microanalysis provides many resources to support for our dealer network

- Catalogues
- Product sheets for individual analysers
- Safety data sheets (SDS)
- Informational sales tools such as product cross reference lists, promotional communications and tables of reference material values.
- Promotional product images

All these resources are available for download via our Dealers Sharepoint – please enquire for access. We can also provide materials for Exhibitions and Trade Shows.

Analysis Service



Our UKAS accredited ISO 17025 Laboratory performs CHNOS and nitrogen/protein analysis, and offers specialized capability for air sensitive samples. We can also provide halogen, organic TOC, inorganic, and stable isotope analytical services.*

Our analytical services cover a diverse range of sample types and applications, performed by a laboratory with over 40 years of accumulated analytical expertise.

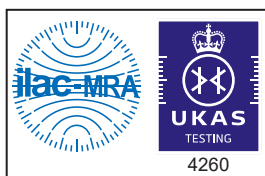
- Rapid turnaround of results
- Expedited service also available
- UKAS accredited Testing Laboratory No. 4260
- ISO 9001 certified management system

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* see scope for full details



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LITERATURE REQUEST

Elemental Microanalysis can supply product sheets tailored specifically to your analyser, product catalogues, and various other literature. This literature is available in printed or digital format – just tick the boxes, fill out your details and return the form to us or your local dealer. The latest editions of our Catalogues and Brochures are also available to download from our website: www.elementalmicroanalysis.com

Product sheets available, by analyser:

Inorganic *(Please Tick)*

Bruker® G4 Icarus CS	
Bruker® G8 Galileo O, N, H	
ELTRA® CS2000	
ELTRA® CS800	
ELTRA® Elementrac CSi	
ELTRA® Elementrac ON/OH/OHN-p	
ELTRA® OH900	
ELTRA® ON900	
Horiba® EMGA-620/621	
Horiba® EMGA-800/900	
Horiba® EMGA-821/921	
Horiba® EMIA-320V2/920V2	
Horiba® EMIA820V/320V/220V	
LECO® 836/736 ONH/OH/NH/H	
LECO® CS125/255	
LECO® CS200/C200/S200/WC200	
LECO® CS230	
LECO® CS244/344/IR212/232	
LECO® CS300	
LECO® CS400/C400/S400	
LECO® CS444/IR412/432	
LECO® CS600	
LECO® CS744/844	
LECO® DH102/103/RH101	
LECO® DH603	
LECO® RH402	
LECO® RH404	
LECO® RHEN602	
LECO® RO478	
LECO® TC136/336/TN114/RO116	
LECO® TC300/RO300/TN300	
LECO® TC436/TN414/RO416	
LECO® TC500/600	
LECO® TCH600	
LECO® WR112	
Strohlein/Juwe® NH-mat 243	

Micro/CHN(OS) *(Please Tick)*

Costech® ECS4010	
Elementar® CHN rapid	
Elementar® rapid OXY cube	
Elementar® UNICUBE	
Elementar® vario MICRO cube	
Elementar® vario EL	
Elementar® vario EL cube	
Elementar® vario ISOTOPE cube/select	
Elementar® vario PYRO cube	
Europa® Roboprep/ANCA/Integra	
Eurovector® EA3000	
Eurovector® EA3100	
Eurovector® EA-3028HT	
Exeter® CE240/440	
Hekatech® HT-O	
LECO® 900/932	
LECO® Truspec Micro	
Perkin Elmer® 2400	
Perkin Elmer® 240ABC	
Picarro® CM Model 02	
SerCon® GSL/Integra	
Thermo® EA1106CHNSO	
Thermo® EA1108CHNSO	
Thermo® EA1110CHNSO	
Thermo® EA1112CHNSO/FLASH2000	
Thermo® Flash 2000 IRMS	
Thermo® FLASH HT/ HT Plus	
Thermo® FlashSmart CHNOS/N-protein	
Thermo® NA1500NCS2	
Thermo® TC/EA	
Thermo® NA2500NCS	
Velp EMA 502	

Macro CHN/CNS *(Please Tick)*

Elementar® soli TOC® cube	
Elementar® vario MACRO	
Elementar® vario MACRO cube	
Elementar® vario MAX CHN/CNS	
Elementar® vario MAX cube N/CN	
Elementar® vario MAX N/CN	
LECO® CHN1000/CNS1000	
LECO® CHN2000	
LECO® CHN600/800	
LECO® CNS/NS/CN2000	
LECO® Truspec CHN/CN	
Skalar® Primacs	
Velp CN 802	

N/Protein *(Please Tick)*

Buchi® DuMaster D-480	
CKIC® TCN/CHN 2200	
Costech® Turbo N	
Elementar® rapid N	
Elementar® rapid N cube	
Elementar® rapid N exceed®	
Elementar® rapid MAX N exceed®	
Gerhardt® Dumatherm®	
LECO® 828 series	
LECO® FP2000	
LECO® FP228	
LECO® FP328	
LECO® FP428	
LECO® FP528	
LECO® FP628/CHN628	
LECO® FP/CN928 series	
LECO® TruMac	
LECO® Truspec N	
Perkin Elmer® 2410	
Thermo® Flash 4000	
Thermo® FlashSmart CHNOS/N-Protein	
Thermo® NA1112Protein/FLASH2000	
Thermo® NA2000/2100	
Velp® NDA 701 Dumas Nitrogen Analyser	

Organic Carbon/Sulfur

(Please Tick)

Elementar® rapid CS cube	
ELTRA® CHS-580/CHS-580A	
ELTRA® CS-500	
ELTRA® Helios	
ELTRA® SurfaceC-800/CW800	
LECO® SC632	
LECO® SC832 series	
LECO® TGA601/701	
LECO® RC412	
LECO® RC612	
LECO® SC144	
LECO® SC32/132/232/CR12	
LECO® SC432/444/CR412	

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Product sheets, by analyser: (continued)

Trace/TOC (Please Tick)

Analytik Jena® All instruments	
Analytik Jena® Multi NC2100-3100	
Analytik Jena® Multi EA2000	
Analytik Jena® Multi EA3000	
Analytik Jena® Multi EA4000	
Analytik Jena® Multi EA5000	
Analytik Jena® Multi X2000	
Analytik Jena® Multi X2500	
Analytik Jena® Pharma TOC	
Antek® 7000 from PAC	
Antek® 9000 from PAC	
Antek® MultiTek from PAC	
Dohrmann® DC	
Dohrmann® DN	
Dohrmann® DX	
Dohrmann® MCTS	
Elementar® highTOC	
Elementar® LiquiTOC/LiquiTOCtrace	
Elementar® trace SN cube	
Elementar® vario TOC cube/TOC select	
Elementar® vario TRACE S	
Hach® IL550 TOC-TN analyser	
Metrohm® 930 Combustion IC	
Shimadzu® TOC	
Trace Elemental Instruments - all	
Thermo Euroglas® - all instruments	
TSHR® - all instruments	

Other analysis (Please Tick)

LECO® AC500/600	
LECO® AF700	
LECO® Quik-Check	

Other literature available:

Catalogues and brochures (Please Tick)

Capsules (2021)	
Inorganic	
IRMS Supplement (2020)	
Laboratory Analysis Service (2021)	
Macro CN/CHN/CNS/N/protein (2021)	
Micro CHN / (OS)	
Nitrogen / Protein	
Organic Carbon / Sulphur	
Product overview / Capability brochure	

Ion Chromatography (Please Tick)

Dionex® AS40/ASDV/ASAP/AS50/AS IC vials	
Metrohm® Peak IC Autosampler IC vials	

Reference materials/Standards for EA

Pure chemical standards	
Natural materials	
Inorganic materials	
Isotope reference materials	
Coal and coke standards	
Petroleum and fuel standards	

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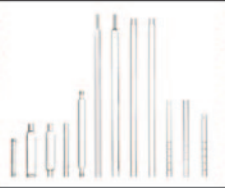
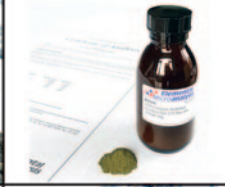
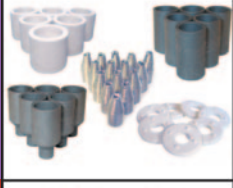
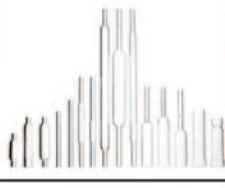
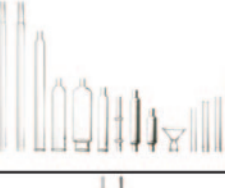
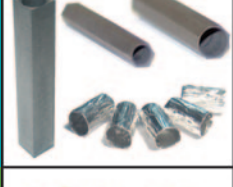
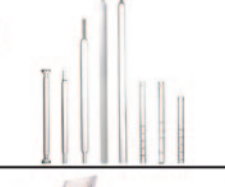
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INORGANIC ANALYSIS					
ORGANIC CARBON/SULPHUR ANALYSIS					
MACRO CHN CNS ANALYSIS					
EA-IRMS ANALYSIS					
TRACE NITROGEN, SULPHUR AND TOC ANALYSIS					

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