

SCP SCIENCE provides high purity graphite products for all aspects of inorganic analysis. Combustion and fusion crucibles, supplies for tribology analysis, or electrodes for DC Arc Spectroscopy, are available at **SCP SCIENCE**.

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Graphite Combustion Crucibles

A range of graphite crucibles for combustion analysis is offered. Manufactured under strict quality control conditions, tight tolerance and controlled machining crucibles meet or exceed OEM specifications.

- Offer a wide selection of products
 - Cross referenced to LECO™ part numbers
- Request a quotation for special custom crucibles
 - Knowledge and experience to manufacture customized crucibles
- **SCP SCIENCE** has all the products of high purity
 - Have confidence in the quality and reliability



Ordering Information

Description	Dimensions	Quantity	Leco® Cross Reference	Catalog Number
High Temperature Crucible	0.500" OD x 0.600" Inner Depth	1000	782-720	110-100-501
Outer Crucible	0.585" OD x 0.815" Inner Depth	1000	775-433	110-100-502
Inner Crucible	0.500" OD x 0.588" Inner Depth	1000	775-431	110-100-503
Crucible	0.560" OD x 0.560" Inside Depth	1000	767-277	110-100-504
Crucible (for typical N/O analysis)	0.500" OD x 0.843" Inside Depth	1000	776-247	110-100-505
Crucible	N/A	1000	760-034	110-100-516
Crucible (RH/1E)	N/A	1000	762-213	110-100-517
Crucible (RH-1EN)	N/A	1000	764-330	110-100-518
Short Crucible (RH-2)	N/A	100	769-520	110-100-519
Tall Crucible (RH-3)	N/A	100	769-761	110-100-520
Cover (for 110-100-519/520)	N/A	100	769-569	110-100-521
Crucible	N/A	1000	760-414	110-100-523

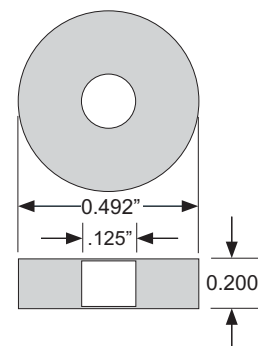
Rotating Disk Electrodes & Graphite Rods

Rotrodes and rods are manufactured from high purity graphite. Patented Chemical Vapor Purification (CVP) technology is used to process the graphite which produces excellent quality. Lot analysis is achieved through Littrow-type spectrography which ensures that the total maximum impurity level of all elements does not exceed 2 ppm.

- Meet ASTM tolerances and conform to Mil Spec. MIL-E-8971A
- Complete with a Certificate of Analysis
 - Detailed total metallic impurities, lot number, and elements detected

Ordering Information

Description	Dimensions	Quantity	Catalog Number
Rotating Disk Electrode (D-2)	see diagram	100	070-070-001
Graphite Rod (4")	.242" x 4"	50	070-071-001
Graphite Rod (6")	.242" x 6"	100	070-071-002
Graphite Rod (12")	.242" x 12"	100	070-071-003



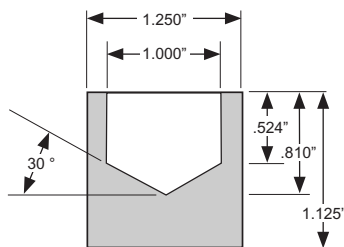
Graphite Fusion Crucibles

Regular and high-purity graphite fusion crucibles are available in four different formats. Impurities range from 10 to 100 ppm Mg, Fe, Al, Si and Cu; and are distributed evenly throughout the graphite.

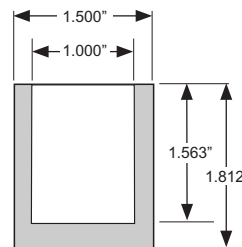
- High purity graphite contains a maximum impurity level of 2 ppm for all elements
 - Ideal for trace-level analysis
- See page 165 for a quote request form on special custom crucibles

Ordering Information

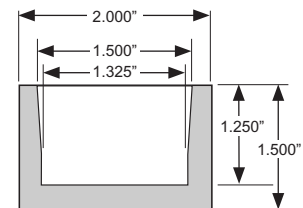
Type	Description	Grade	Quantity	Catalog Number
Graphite Crucible	9 ml volume	Regular	100	040-060-010
Graphite Crucible	9 ml volume	High Purity	10	040-060-011
Graphite Crucible, large volume	20 ml volume	Regular	10	040-060-030
Graphite Crucible, large volume	20 ml volume	High Purity	10	040-060-031
Graphite Crucible	cylindrical	Regular	10	040-060-020
Graphite Casting Crucible	casts 34mm disks	Regular	10	040-060-040
Graphite Casting Crucible	casts 34mm disks	High Purity	10	040-060-041



9 ml Crucible



20 ml Crucible



Casting Crucible

Crater & Counter Electrodes

Standard graphite crater and counter electrodes for DC ARC Spectroscopy are available from **SCP SCIENCE**. For additional styles, please contact your **SCP SCIENCE** Sales Representative or local distributor.

Ordering Information

Type	ASTM Designation	Length cm(")	Dia. cm(")	Tip	Qty.	Catalog Number
Necked Crater	S-4	3.81 (1.5)	.615 (.242)	.475 H x .16 Dia. cm Crater	100	060-070-001
Necked Crater	S-13	3.81 (1.5)	.615 (.242)	.478 H x .345 Dia. cm Crater	100	060-070-003
Necked Crater	1011	3.81 (1.5)	.457 (.180)	.318 H x .239 Dia. cm Crater	100	060-070-006
Toadstool	PD-1	3.81 (1.5)	---	---	5	060-070-020
Pointer Counter	C-1	3.81 (1.5)	.305 (.120)	8° Pointed	100	060-070-055
Rounded Counter	C-180	3.81 (1.5)	.457 (.180)	15° Rounded	100	060-070-060
Undercut Counter	C-8	3.81 (1.5)	.615 (.242)	Flat	100	060-070-070

Graphite Powder

Ordering Information

Type	Description	Mesh Size	Quantity	Catalog Number
Graphite Powder	Pelletizing grade, CVP purity	200	227 grams	060-060-001
Graphite Powder	Mixing grade, CVP purity	200	227 grams	060-060-002

* Use the powder as a buffer or diluent

"Experience is what you get when you didn't get what you wanted." -Anonymous-

Graphite Crucible Quote Request Form

Complete this form to receive a quotation for your specific graphite fusion crucible or to enter your purchase order number. Photocopy for use with multiple requests.

Contact Information:

Name: _____

Title: _____

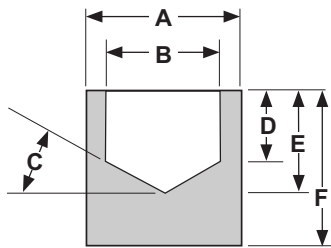
Company: _____

Mailing Address: _____

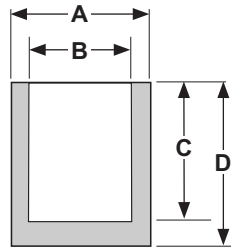
City: _____ Province/State: _____ PC/Zip: _____ Country: _____

Telephone: _____ Fax: _____

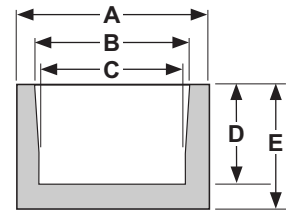
E-mail: _____ Account No: _____



Crucible, conical



Crucible, flat bottom



Casting Crucible

Crucible, conical	Crucible, flat bottom	Casting Crucible
A:	A:	A:
B:	B:	B:
C:	C:	C:
D:	D:	D:
E:		E:
F:		

Application: _____

Fax form back to:

USA
Canada / International
Europe

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