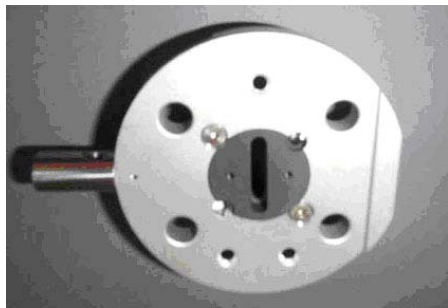




*Quality and Value
Through Engineering*

- ◆ Saves on Parts Costs
- ◆ Saves Labor Costs
- ◆ Saves Replacement Downtime

Signet Ground Electrode design has evolved so that it now incorporates the replaceable graphite aperture that can be changed **without removal of the source housing**. This simplified replacement can be done in approximately 15 minutes whereas the replacement of the whole Source Housing can take more than an hour.



Signet's Ground Electrode with Replaceable Graphite Ion Slot

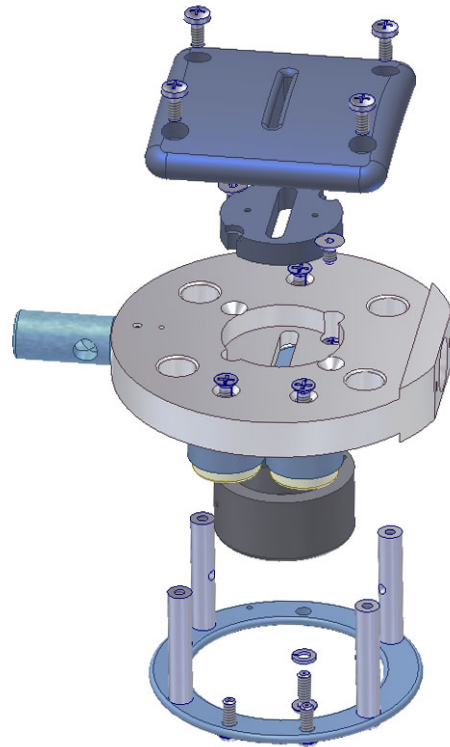
Signet has available this graphite insert replacement kit part number 30-5395G-2 for the modified ground electrode which includes the graphite insert and the two 6-32 X 1/4 SkFH screws.

Signet PN	Qty	Description
03-6425	2	6-32 X 1/4 SkFH
30-5395G	1	Graphite Insert, replaceable

Signet also makes this assembly without the graphite insert; Signet part number 30-5395B.

VSEA – ION SOURCE Models CF/DF3000, 350D/DE & 300XP

Improved Extraction Assembly Kit With Replaceable Graphite Ion Slot!



Signet's Kit Part Number 30-5395-7 is a complete enhanced extraction assembly with this improved ground electrode. The kit includes the following parts:

Signet Part #	OEM Part #	Qty	Description
00-6131	1211200605 Ref.	3	6-32 X 5/16 PFH Thread Vented
01-6737	E47000192	3	6-32 X 3/8 BH Center Vented
03-4731	1236200605	2	4-40 X 5/16 BH
03-6425	N/A	2	6-32 X 1/4 SkFH
03-6731	1236200605	4	6-32 x 5/16 BH
03-6WS0	1421110600	3	Washer #6, Split
30-5395G	F5395001 Ref.	1	Graphite Insert Replacement
30-5395A	F5395001 Ref.	1	Ground Electrode w/pivot pin & bore
30-5395S	F5395001 Ref.	3	Insulator Shield
30-5397	F539701 Ref.	1	Electrode Support Assembly
37-5396	F5396001	1	High Voltage Electrode
37-5398	F5398001	1	Ground Electrode Snout
37-9826	F9826001	3	Ceramic Insulator

Ref. = Design Alteration of OEM Part

Signet Products Inc.

2 Davis Drive
Belmont, CA 94002

PDS30-5395-7 Revised 08/29/07

Phone 650 592-3575

Fax 650 592-7223

e-mail sales@signetproducts.com

Web www.signetproducts.com