



*Quality and Value
Through Engineering*

- ◆ Longer liner design
- ◆ Signet 6000 design



**Arc Chamber with a Signet
Long Liner Installed**

The picture above shows a modified Signet 6000 arc chamber, part number 40-6011H, with the longer liner, part number 40-6035, installed.

As the liner extends almost to both ends of the arc chamber both the filament and repeller sides of the arc chamber are protected.

Axcelis - IMPLANTER PARTS
Model NV10, NV20 and GSD100

Signet U Liner for Axcelis – Eaton NV Series and GSD100 Ion Implanters



**Signet Parts 40-6011H and 40-6035
Arc Chamber and Long U Liner for both Gas &
Vapor**

The Signet Products extended arc chamber liner for the Signet 6000 acts as a sacrificial liner saving the expensive arc chamber from wear thus extending the life of the more expensive arc chamber. The arc chamber liner has been made longer so that it fits under both the filament and the repeller. This longer liner design protects more of the arc chamber from the process residuals that build up during operation.

Signet Part #	Description
40-6011H	Arc chamber main body for long liner, gas & vapor
40-6035	Arc chamber u liner for gas & vapor
40-6033	Arc chamber main body for long liner, gas only
40-6034	Arc chamber u liner for gas only

Ref. = Design Alteration of OEM Part

Signet Products Inc.

2 Davis Drive
Belmont, CA 94002

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Phone 650 592-3575

Fax 650 592-7223

e-mail sales@signetproducts.com

Web www.signetproducts.com