



*Quality and Value
Through Engineering*

- ◆ VSEA VIISion®
- ◆ Improved Design
- ◆ Cost Savings



**VSEA P/N E17094441 Side Plate
& E17094401 Gas Tube**

Signet supplies exact replacements for the above parts
E17094401=Signet 37-94401
E17094441=Signet 37-94441 in addition to the improved parts referenced on this data sheet.

VSEA - IMPLANTER PARTS VIISion®



**Signet P/N 30-94441 W Side Plate
& 30-94401 TA Gas Feed Tube**

Signet's enhanced side plate and gas feed tube for the VSEA VIISion® implanter offer both improved design and cost savings. Signet's design eliminates the costly tungsten nipple with a graphite insert pressed into the side plate. This tungsten nipple with its graphite insert is prone to breaking and is difficult to assemble. Signet's improved design uses a refractory metal to refractory metal interface eliminating the graphite. This simplifies the design and provides the same interface that has been proven in the other VSEA-Varian/Extrion and Axcelis-Eaton/Nova ion sources.

Signet gives you the option of tantalum, the OEM standard or less costly molybdenum.

**The Signet 1105 kit includes
a tantalum gas feed tube and tungsten side plate**

Signet Part #	OEM Part #	Description
1105 KIT	None	Side plate / Gas Tube Conversion
30-94441	E17094441 Ref.	Tungsten Side Plate
30-94401	E17094401 Ref.	Tantalum Gas Tube
30-9440-42	E17094401 Ref.	Molybdenum Gas Tube

Ref. = Design Alteration of OEM Part