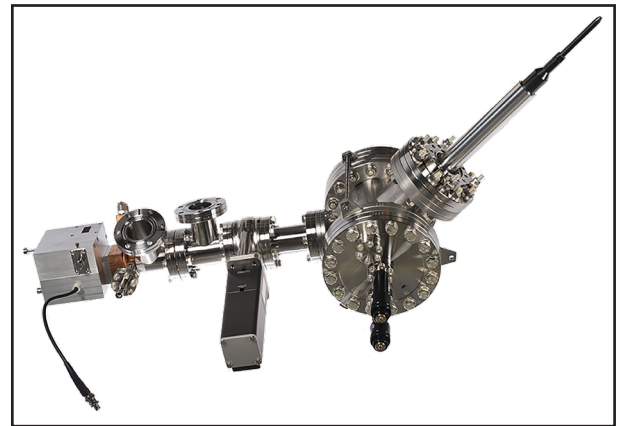
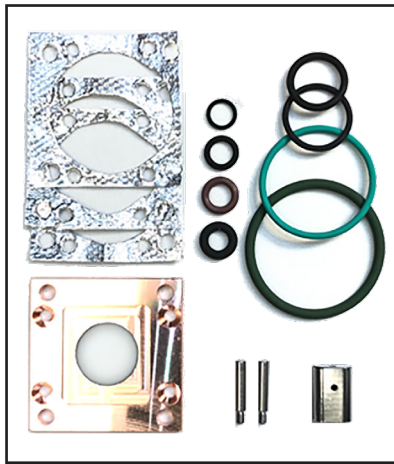


Store critical consumables onsite for rapid maintenance

The Scienta Omicron High Uptime Kit for the VUV5k includes the most common spare parts needed to perform a fast onsite repair for the instrument. With this kit available at hand, downtime of the instrument can be reduced to a minimum and interruptions to operations can be avoided. Read more about the inclusion of this package on the next page. If you have any questions, please contact our Services Team.



The VUV5k



High Uptime Kit for the VUV5k

About Tantalum Maintenance

The Tantalum foil and electrode pins (Figure 1, No.7 + 8) of the VUV5050 source head get worn down when the instrument is used.

The purer the He gas is, the longer the cavity can run at full power without the need of Tantalum foil change. Using neon gas, the Tantalum foil can be destroyed in as quickly as 20 hours.

Tantalum maintenance involves changing the Tantalum foil and inspecting the Tantalum pins for corrosion, in which case they should be replaced. Perform Tantalum maintenance at least once during the first year and then every 1 000 hours of use.

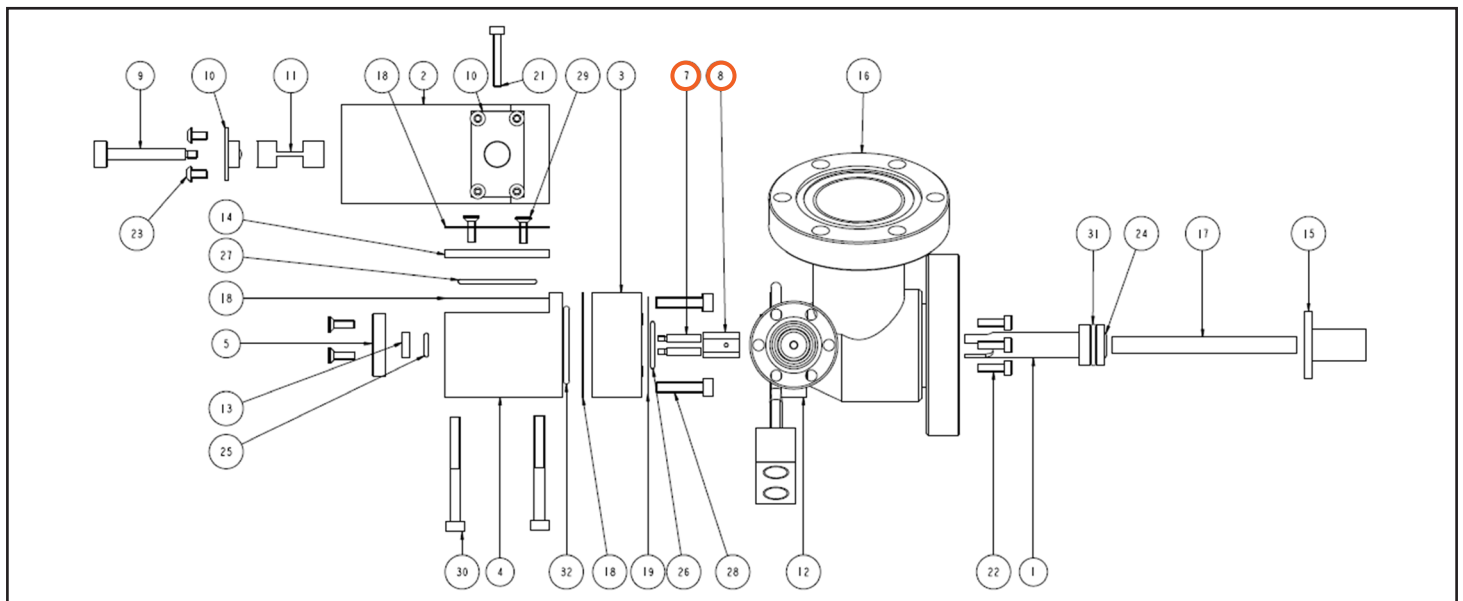


Figure 1



Summary

Part numbers:

- 200584 High Uptime Kit VUV5k Source

Parts included:

- Electrode (Tantalum Pins), 2 pcs
- Shield (Tantalum Foil)
- Window Brazing (Ceramic Window)
- O-Ring Set VUV5050
- Set of Conductive Foil Gaskets

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