



## Zinc and Iridium Hollow Cathode Lamps

### NOTE

NOTICE: This document contains references to Varian. Please note that Varian, Inc. is now part of Agilent Technologies. For more information, go to [www.agilent.com/chem](http://www.agilent.com/chem).

### Zinc Lamps

**Part numbers:** Coded            5610106800  
                          Uncoded        5610128800

These lamps offer improved lifetime.

The recommended lamp current remains at **5 mA**, but it may be used in the range 2–5 mA in Agilent/Varian instruments.

The maximum operating current is **10 mA**.

A small loss in sensitivity may be apparent at 5 mA compared to earlier zinc lamps.

Equivalent sensitivities may be obtained by reducing the lamp current to 3 mA; this will also extend the lifetime of the lamp even further. An increase in photomultiplier voltage of 20 to 30 volts will occur when operating at the reduced current of 3 mA.

To find the optimum lamp current for your particular analysis, vary the lamp current in 1 mA steps. Determine the sensitivity and %RSD at each lamp current and use the lamp current meeting your needs.

### Iridium Lamps

**Part numbers:** Coded            5610102600  
                          Uncoded        5610124500

These lamps offer improved lifetime.

The recommended lamp current is now 10 mA in Agilent/Varian instruments.

Maximum operating current is 10 mA.



This information is subject to change without notice.



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