

## **Features**

**For instruments:** Bear Cub 800, Varian 1200 Triple Quad GC/MS

- Easy Replacement
- Extended Linearity
- Low Noise
- Lower Cost
- Longer Life
- Greater Sensitivity
- High Performance
- Compact, On Axis Design
- Wide Dynamic Range
- Excellent Pulse Height Resolution

The Photonis Channeltron Mass Spec Detectors deliver high performance and are the preferred detector for mass spectrometers. A 100% test and inspection policy guarantees customers the highest quality and most reliable mass spectrometer detectors.

## **Description**

**For instruments:** Bear Cub 800, Varian 1200 Triple Quad GC/MS

**Note:**The 5904 is designed specifically for Varian Instruments, including Varian 1200 GC/LC-MS and users of the discontinued Bear Cub 800.

The rugged 5904 MAGNUM™ Electron Multiplier with integral self biasing anode, offers higher performance, improved linearity over a wider current range, and lower noise compared to OEM electron multipliers. Its six channel design provides longer detector life and low noise < 1pA dark current, high gain analog operation is minimum 10 million and offers stable operation even at elevated temperatures up to 200 C.

MAGNUM™ Electron Multipliers utilize Photonis's exclusive Spiraltron™ technology that provides the highest dynamic range in the industry while offering increased gain stability and near elimination of feedback noise. Thanks to Photonis's proprietary glass formulation, it also has the longest detector life available in the industry.

The 5904 MAGNUM™ Electron Multiplier cartridge is an easy-to-install, plug and play replacement that fits directly into the Varian mounting assembly. Its one-piece construction eliminates fastener and connection problems for tool-free, fast, and inexpensive installation.