

Features

For instruments: Agilent 5930, Agilent 5970/A/B MSD, Agilent 5980/A, Agilent 5981, Agilent 5982, Agilent 5983, Agilent 5984, Agilent 5985/B, Agilent 5987, Agilent 5992/A/B, Agilent 5993/B, Agilent 5995

- 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

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OEM #: 1970-0075

Notes: High sensitivity replacement compared to the 4772.

- For Use with the HP 5970
- Highest Sensitivity Electron Multiplier
- Improved Long-Term Performance Stability
- Improved Multiplier Lifetime
- Photon-absorbing hardware for the highest signal-to-noise
- Board-mounted "plug-in" design for easy and accurate installation

The Channeltron® 5772 Mass Spec Detector offers previously unobtainable levels of performance for the Hewlett Packard 5970. If your applications demand high sensitivity, extended linear dynamic range and longer detector life, the 5772 Mass Spec Detector meets your requirements.

The Sensitivity of the 5772 allows you to detect sub picogram and femtogram levels from complex mixtures. The 5772 provides this sensitivity through superior signal collection and a reduction of unwanted noise for the highest signal-to-noise available.

The **5772's** hardware has been optimized through computer model simulation to maximize signal collection and reject chemical noise. The improved detector geometry allows this signal to be amplified greater than competitive detectors, maximizing signal-to-noise measurements. And with Photonis' photon-absorbing hardware, unwanted collection of photon and neutral noise is virtually eliminated.

Extended linear dynamic range of the 5772 Mass Spec Detector results in reproducible spectra and accurate quantification for both trace and high-level analysis.

Improved long-term performance stability assures consistently accurate results requiring less frequent recalibration. And longer life means less down-time making the 5772 the most economical detector available for the HP 5970.

Installation

Easy installation is guaranteed with Photonis' plug in ceramic board-mounted design. The detector simply plugs into place in seconds, while assuring alignment of the critical ion optics. Other detectors require modification to the analyzer.

The newest technologies and the highest performance from the world's largest supplier of standard, retrofit and custom detectors for mass spectrometry.