

## **Features**

**For instruments:** Shimadzu Surface Analysis, Extrel/ABB Quad

- 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:** Shimadzu Surface Analysis, Extrel/ABB Quad

**OEM #:** U-1149

**Notes:** Pulsed and analog

Channeltron® Electron Multipliers offer the highest dynamic range to assure a linear response beyond the limit of most analytic instruments. Recent improvements in design have resulted in higher voltage operation, improved ion-to-electron conversion yields, and better sensitivity at higher masses.

Additionally, any of our Channeltron® Electron Multipliers can be ordered as complete assemblies to replace current detector assemblies in most mass spectrometers.

PHOTONIS manufactures Channeltron® Electron Multipliers in a wide range of shapes and sizes for many current and legacy mass spectrometers. Cones, grids, coatings, collectors and leads can all be specified, or you can choose one of our many standardized models. Our exclusive Extended Dynamic Range option can be added to any order, extending the dynamic range of your CEM, and enhancing its useful lifetime far beyond those of other manufacturers.