



Discrete Dynodes

Features

- Plug and Play Replacements
- Excellent Lifetime
- High Mass Range to U238
- Fast Gating <6ns
- Supports ICP - MS Instruments



New from Photonis

PHOTONIS now provides a range of Discrete Dynode Electron Multipliers to provide plug-and-play replacement modules for ICP - MS instruments. These Electron Multipliers provide excellent lifetime with fast timing and high sensitivity response.

Discrete Dynode Technology

An increasing emphasis on detection sensitivities across a high dynamic range requires discrete dynode electron multipliers to operate across ever broader ranges of analyte concentrations while maintaining saturation-free linear output during high currents. PHOTONIS offers Discrete Dynode Electron Multipliers offer continuous high dynamic range from single ion to high concentrations by utilizing a dual-stage analog and pulse counting design that provides improved sensitivity, air stability and long life through the use of improved dynodes.

Superior Design and Engineering

PHOTONIS focuses on a co-design and development partnership with most major manufacturers of analytical instruments, including Mass Spectrometers, Surface Science, Focused Ion Beam, Scanning Electron Microscope, Residual Gas Analyzers, and Ion Mobility spectrometers. Ask PHOTONIS to design your detector for your next instrument to ensure superior detection for more reliable results.

Innovative Electron Multiplier Technology

PHOTONIS offers a wide range of Electron Multipliers across many Mass Spectrometry techniques, including TOF, Q-TOF, MALDI-TOF, LC-MS, GC-MS, and Ion Trap.

The addition of a line of Discrete Dynode Electron Multipliers to the PHOTONIS product portfolio adds ICP-MS application support for customers requiring new Discrete Dynode designs for future instruments or plug-and-play replacement components for existing ICP-MS instruments.

PHOTONIS now offers nearly 200 Electron Multiplier types for current and legacy instruments.

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PHOTONIS
Scientific Detectors