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BiPolar Time of Flight Detectors

configurations to perfectly suit your needs.

Photonis' TOF detectors are available in a range of sizes and



Photonis' BiPolar Time of Flight detectors enhance detection efficiency of both positive can be biased up to $\pm 10 \text{KV}$ and is available in 18, 25, and 40mm active area.







If space and size are a main factor in the design of your analytical instrument, you may consider Photonis' Off-Axis BiPolar TOF detector. These detectors only require 25mm clyindrical space and are manufactured to support non-linear configurations by mounting a PMT at a right angle to the scintillator. It features a

Comprised of a LongLifeTM MCP, high-speed scintillator and a PMT, this detector is ideal for MALDI-TOF instruments. The High Mass BiPolar detector features a 250mm² collection area which allows for higher sensitivities thout the need for higher post-acceleration voltage. Additionally, its compact shape and simplified detection system support many high mass

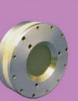




or 25mm active area. Whether you need a custom or standard flange

Gen2 UltraFast™TOF Detectors

UltraFast[™] TOF detectors provide nearly symmetrical pulse rise and fall times. Each one of these detectors is equipped with one of our TruFlite[™] microchannel plates to reduce time jitter and increase detection efficiency. The Gen2 detectors are



Miniature TOF Detectors



equipped with two LongLifeTM MCPs configured in a chevron shape.

High Temperature TOF Detectors

Photonis designed the High Temperature Time of Flight detector to effectively



Did you know...

Photonis manfactures a variety of replacement assemblies for analytical instruments. Each of our extensive OEM replacement assemblies are designed to be an exact replacement for the original and will fit into the existing optics frame. Contact us today