Free-running InGaAs single-photon detector

Compact near-infrared photon counting based on an InGaAs/InP avalanche photodiode.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Detection technology	InGaAs/InP APD
Operation	Free-running
Spectral region	Near infrared
Timing option	Optional time-to-digital conversion (TDC)

Applications

Photon counting and quantum optics / Lidar / Fluorescence lifetime measurements

Selecting your configuration

Confirm detection efficiency, dark count rate, timing jitter, dead time and afterpulsing at your wavelength. No numerical photon-counting performance is implied by this family overview.

Series options are not guaranteed combinations. Precisometer confirms the specifications, interfaces and availability of your selected configuration in a quotation.

Product page and enquiry | info@precisometer.com