







Photek Gate Modules

From our partners at Photek:

Photek's range of photocathode gates units can be used with our image intensifiers and PMTs as ultra fast electronic shutters. This technique is useful when the detector is used in high brightness situations or when capturing very fast moving objects

Gate Module Model Overview

Model	Gate Width	Repetition Rate	Notes
 GM10-50B	50 ns	10 kHz	Designed to gate 25mm and 40mm Image Intensifier devices
 GM300-3	3 ns	300 kHz	N-type is gated normally off, whereas the P-type is gated normally on.
 GM300-8U	8 ns	300 kHz	Adjustable rise/fall time from 5 to 13 ns. Can operate in single-shot mode or burst mode. Works in normally on or off modes. Compatible with photomultiplier tubes.
 GM-MCP	8 ns	1 kHz	Can operate in single-shot mode or as fast as 1 kHz. Suitable for use with single-stage or chevron-stacked image intensifiers.
 GM-MAG	8 ns	1 kHz	Provides a minimum pulse width of 10 ns. Designed to operate with image intensifiers or magnetic focus tubes.
 Gate Controller			<p>Incorporates two gating controllers to provide a long and a short gate pulse width generating system.</p> <p>The first controller provides pulse widths from 3 ns to 1 μs and delays from 112 ns to 1 μs with a jitter of <1 ns. The second integrated controller has gate pulse widths from 10 ns to 40 ms and delays from 130 ns to 20 ms with a jitter of ± 5 ns.</p>

For complete product details and specifications, visit www.photek.com to review the product datasheet. Photek is accredited to ISO 9001 and ISO 14001.

