



Artisan Scientific

QUALITY INSTRUMENTATION ... GUARANTEED

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- Price Quotations
- Drivers
- Technical Specifications, Manuals and Documentation

Artisan Scientific is Your Source for Quality New and Certified-Used/Pre-owned Equipment

- Tens of Thousands of In-Stock Items
- Hundreds of Manufacturers Supported
- Fast Shipping and Delivery
- Leasing / Monthly Rentals
- Equipment Demos
- Consignment

Service Center Repairs

Experienced Engineers and Technicians on staff in our State-of-the-art Full-Service In-House Service Center Facility

InstraView™ Remote Inspection

Remotely inspect equipment before purchasing with our Innovative InstraView™ website at <http://www.instraview.com>

We buy used equipment! We also offer credit for Buy-Backs and Trade-Ins

Sell your excess, underutilized, and idle used equipment. Contact one of our Customer Service Representatives today!

Talk to a live person: 888-88-SOURCE (888-887-6872) | Contact us by email: sales@artisan-scientific.com | Visit our website: <http://www.artisan-scientific.com>

Photodetectors

Ge-PN

Spectral response range

800nm - 2500nm

Package

TO25 / T05 / T08

Applications

- Military and industrial applications

Technical Data

Type	Active area	Shunt resist.		Dark Current	Bias	Bias	Capacity	NEP	Cut-off Freq. @Bias f. Test
		@10mV							
	mm(dia)	Min	Typ	µA(max)	V	V	pF	pW/Hz ^{1/2}	MHz
GM2	0.5 sq.	30	60	2	10	15	27	1	120
GM2HS	0.5 sq.	100	150	1	3	5	55	0.3	60
GM2VHS	0.5 sq.	250	350	0.7	0.3	0.5	200	0.2	35
GM2VHR	0.5 sq.	550	900	0.5	0.3	0.5	250	0.1	30
GM3	0.1	120	250	1	10	15	2	0.3	1500
GM3HS	0.1	350	500	0.3	3	5	6	0.1	500
GM3VHS	0.1	1500	2500	0.1	0.3	0.5	8	0.1	350
GM3VHR	0.1	2000	3000	0.1	0.3	0.5	12	0.1	250
GM4	0.3	60	80	1.5	10	15	10	0.6	300
GM4HS	0.3	250	400	0.4	3	5	25	0.3	120
GM4VHS	0.3	400	650	0.2	0.3	0.5	60	0.2	80
GM4VHR	0.3	900	1600	0.2	0.3	0.5	60	0.15	80
GM5	1	20	40	3	10	15	65	1.5	55
GM5HS	1	60	100	1.5	2	3	300	0.5	10
GM5VHS	1	200	280	0.5	0.3	0.5	2500	0.3	2
GM5VHR	1	330	450	0.5	0.3	0.5	2500	0.3	2
GM6	2	6	12	10	10	15	300	2	17
GM6HS	2	30	60	3	2	3	1200	0.8	1
GM6VHS	2	80	120	1	0.3	0.5	9000	0.4	0.6
GM6VHR	2	120	200	1	0.3	0.5	9000	0.4	0.6
GM7	3	4	8	30	5	10	800	3	4
GM7HS	3	25	35	4	1	3	4000	1	0.7
GM7VHS	3	40	65	3	0.25	0.3	13000	0.6	0.2
GM7VHR	3	65	90	2	0.25	0.3	13000	0.6	0.2
GM8	5	2	4	40	3	5	3000	4	1.6
GM8HS	5	10	15	15	1	3	6000	2	0.5
GM8VHS	5	15	20	5	0.1	0.3	35000	1	0.1
GM8VHR	5	20	30	5	0.1	0.3	35000	1	0.1
GM10HS	10 sq.	2	3.5	50	0.5	1	30000	4	0.1

Packages

Without cooler	TO25 (Ceramics on demand)	T05	T08	T09
With cooler		TO5-TEC	T08-TEC	
Package	With dewar	On demand		



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