

# AOPT Pulse/Timing Generator Family

rev.22-2022



HiPG Series



SG Series



AOPT-HVPG-150

Pulse Generator Model	MAX Output Voltage	MAX Output Current	Power	Pulse Width	Max Pulse Rate	Rise Time	Price	Available Options	
DPG-2008-X	12 V	4 A	120	100 ns - 1 ms	50 kHz	20 ns	\$8,825	optical output, multi channel	
SHI-2003-050-030	4.5 kV	50 A	30	1 - 12 us	10 Hz	200 ns	\$29,500	USB / GPIB Interface	
SHI-2003-050-270			270		100 Hz		\$31,460		
SHI-2003-350-190	4.5 kV	350 A	190	1 - 12 us	10 Hz	400 ns	\$31,460	USB / GPIB Interface	
SHI-2003-350-020			20		1 Hz		\$34,500		
SHI-2003-100-045	4.5 kV	100 A	45	1 - 10 us	10 Hz	400 ns	\$29,500	USB / GPIB Interface	
SHI-2003-150-040	4.5 kV	150 A	40	1 - 12 us	5 Hz	400 ns	\$29,500	USB / GPIB Interface	
SHI-2003-150-035			35	1 - 50 us	1 Hz		\$31,460		
SHI-2003-150-800			800	1 - 10 us	100 Hz		\$36,400		
SHI-2011-150-450	3.0 kV		500	1 - 10 us	100 Hz		\$31,460		
SHI-2009-250-080	800 V	250 A	80	1 - 400 us	1 Hz	200 ns	\$29,500	USB / GPIB Interface	
ICAL-A19-10K	4,500	10 kA	2 kW	1 - 100 us	SS	1 us	\$416,000	TCP/IP Touch Panel	
LTD TRIGGER UNIT	3500	1,000	250	FIXED	SS	75 us	\$43,778	TCP/IP Touch Panel	
HVT-100k-14 GAS TRIGGER UNIT	100 kV	4,000	250	FIXED	SS	10 ns	\$62,400	TCP/IP Touch Panel	
TRG-SPK-2014	100 kV	4,000	250	FIXED	SS	20 ns	\$48,100		
SG Trigger Unit	3,000	2,000		50 us	0.25 Hz	20 us	\$41,600	custom user interface	
PCD-25 Pockels Cell Driver	25 kV	SEE LOAD	< 500 W	50 ns	250 Hz	< 50 ns	\$100,000	custom user interface	
AOPT-HVPG-150K	150 kV	CUSTOM		1 - 50 us	Hz	<1 us	\$ 500k	many options contact AOPT	
PPS-2016-400-2K-1	40 kV	.1 A	2 kW	1 us - 3 ms	120 Hz	<10 us	\$ 220k	single switch	
PPS-2016-400-2K-2	40 kV	.1 A	2 kW	1 us - 3 ms	120 Hz	<1 us	\$ 270k	dual switch	
FPG-2007-A	800 V	16 A	100	50 ns - 1 us	1 - 1 MHz	10 ns	\$34,000	50 Ohm Output	
Timing System Model	Channels	Timing Resolution		Data Record	CPU	Display	Price	Notes	
AOPT-TMS-A	10	250 ns		1 ms	Y	N	\$31,844	10 channel timing measurement	
AOPT-TMS-B	20	250 ns		1 ms	Y	N	\$47,775	20 channel timing measurement	
Epoxy Coated Test Tanks (OIL SAFE)									
Test Tank and Tank Basket - SMALL	48 LONG	36 WIDE	40 DEEP	STEEL			\$30k	Epoxy Coat Inside and out	
Test Tank and Tank Basket - MEDIUM	60 LONG	60 WIDE	35 DEEP	STEEL			\$45K	Epoxy Coat Inside and out	
Test Tank and Tank Basket - LARGE	120 LONG	60 WIDE	35 DEEP	STEEL			\$65k	Epoxy Coat Inside and out	
DTU-2018	High Current Component Test Unit						40 ns	\$85,800	1,250 A Diode Tester
HIGH CURRENT PULSE BOARD HIPP-2015	Built to order PC boards for laboratory testing no PS supplied							\$5,000	
<b>OPTIONS</b>									
SHI-OPT-001	Optical Sync Output							\$2,500	
SHI-ISO-001	Isolation for communications module							\$2,500	
TCP/IP TOUCH	Touch panel and TCP/IP Interface							\$6,000	
USB	USB communication port							\$2,500	
GPIB	GPIB communication port							POR	



Diode Test Unit



Test Tank



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