BCX Ultra

Type	. 	Frequency Generator and A	mplifier		
Application		Plugs into 120-240VAC 50/60Hz Power Source Provides power to various Output devices			
Features	Frequencies (dependent upon Output device)	3 Independent direct freque 5 Equal amplitude frequenci Multitude of frequencies with			
	Frequency Mixing	Single Mixed Carrier			
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Programs	1236 Internal non-volatile (U 255 User non-volatile (Comp	Jser re-nameable) pletely configurable including name)		
-	Program Options	Run View	Create Edit	Copy Erase	
Sequencing		80 Sequences per Program Single direct 40 Sequences per Program Mixed or Carrier direct			
	Outputs	2 Pair Electrodes 1 Pair Raytubes 1 LED Wand 1 Auxiliary			
	Simultaneous Outputs	Single Electrode + Raytubes, LED	Wand, or Auxiliary		
	Run Timer	1 to 120 Minutes Pause/Resume			
	Duty Cycle	1 to 100%			
	Intensity Controls	1 to 100% Conductors (inde 1 to 100% Radiators (independent)			
	Program Variables	Name Use Defaults Output Run Time Duty Cycle Gate Waveform Gate Frequency	Electrode Intensity Raytube Intensity Soft Start Auto Shutoff Use Carrier Carrier Waveform Carrier Frequency	Frequency Waveform Frequency Add Frequencies Save Program Run Program	
	Changeable Defaults	Show Instructions Power On Application Sequence Program Use Defaults Output Device Run Time Duty Cycle Gate Waveform	Gate Frequency Electrode Intensity Radiator Intensity Soft Start Auto Shutoff Use Carrier Same/Different Carrier Carrier Waveform	Frequency Waveform Carrier Frequency Frequency More Frequencies Save Program Run Program	
	Other	Built in Instructions Soft Start	Automatic Shutoff Program without Run	Run without Store	

Electrodes

Electroa	6 3				
Туре		Conduction Device			
Application		Up to 2 pairs plug directly into the Ultra Powered by the Ultra			
Configuration	1	Fully balanced differential,	Floating		
Energy type		AC Audio and Radio Frequ	uencies (AF & RF) Conduction		
Frequency	Modes of Operation	Single or Multiple Frequen Square or Linear Drive Fre	cies with or without Variable Frequencequencies and Carrier	cy Carrier	
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
Range Resolution		1 to 4,000,000 Hz Squarewave (Rise and Fall time < 150ns.) 1 to 100,000 Hz all other Waveforms (Sinewave Distortion < 0.1% THD)			
		1.00000 to 9.99999 Hz (0. 10.0000 to 99.9999 Hz (0. 100.000 to 999.999 Hz (0. 1,000.00 to 9,999.99 Hz (0. 10,000.0 to 99,999.9 Hz (0. 100,000 to 4,000,000 Hz	0001 Hz) 001 Hz) 0.01 Hz) 0.1Hz) and 100,000 Hz		
	Maximum Simultaneous Frequencies	2 Individual 6 Equal Intensity Harmonic Multiple with Pulse and Fro Multiple with Custom Arbit	equency Harmonics		
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to 100% Single or Multiple Frequencies Square or Linear Drive Frequencies			
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz			
Maximum Simultaneous Modulation Frequencies 1 Individual 2 Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms					
Intensity	1	1 to 100%			
Power Outpu	ut	3/4 Watt Max. (dependent upor Voltage 30 Volts PP Squa	n program & load impedance) rewave, 35 Volts PP all other wavefor	ms	

LED Wand

Models: LW640A Red, LW520A Green, LW467A Blue

			ividacio. Evvoto/ (110a, Evv	<u>020/ (</u>		
Туре		Light Emitting Device				
Application		Plugs directly into the Ultra Powered by the Ultra				
Configuration	1	Unbalanced, Floating				
Energy type		Model HW640A Red 640n Model HW520A Green 520 Model HW467A Blue 467	0 nm light			
Frequency	Modes of Operation	Single or Mixed Frequenci Square Drive frequencies	es with or without Variable Frequency and Carrier	Carrier		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3		
	Range	1 to 100,000 Hz				
	Resolution	1.00000 to 9.99999 Hz (0.00001 Hz) 10.0000 to 99.9999 Hz (0.0001 Hz) 100.000 to 999.999 Hz (0.001 Hz) 1,000.00 to 9,999.99 Hz (0.01 Hz) 10,000.0 to 99,999.9 Hz (0.1Hz) and 100,000 Hz				
	Maximum Simultaneous Frequencies	2 Individual 6 Equal Intensity Harmonic Multiple with Pulse and Fre Multiple with Custom Arbit	equency Harmonics			
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to 1 Single or Multiple Frequen Square or Linear Drive Fre	cies			
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3		
	Range	1 to 10,000 Hz				
	Resolution	1.0000 to 9.9999 Hz (0.00 10.000 to 99.999 Hz (0.00 100.00 to 999.99 Hz (0.01 1,000.0 to 9,999.9 Hz (0.1	1 Hz) ´ Hz)			
	Maximum Simultaneous Modulation Frequencies	Individual Equal Intensity Harmonic Multiple with Pulse and Fre Multiple with Custom Arbite	equency Harmonics			
Intensity	1	1 to 100%				
Power Output		Model LW640A Red 24,00 Model LW520A Green 108 Model LW467A Blue 21,60	3,000 mcd Max.			

High Power LED Wand

Models: HW626A Red, HW530A Green, HW470A Blue

nigh Power LED Wand			wouels. HwozoA Reu, Hws	DOUG GIEEH, HIVIATUA DIC	
Туре		Light Emitting Device			
Application		Connects to Ultra Auxiliary connector through a cord Powered by the Ultra			
Configuration	1	Unbalanced, Floating			
Energy type		Model HW626A Red 626 Model HW530A Green 53 Model HW470A Blue 470	30 nm light		
Frequency	Modes of Operation	Single or Mixed Frequencies Square Drive frequencies	cies with or without Variable Frequency and Carrier	Carrier	
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
Range		1 to 4,000,000 Hz Squarewave 1 to 100,000 Hz all other Waveforms			
	Resolution	1.00000 to 9.99999 Hz (0.00001 Hz) 10.0000 to 99.9999 Hz (0.0001 Hz) 100.000 to 999.999 Hz (0.001 Hz) 1,000.00 to 9,999.99 Hz (0.01 Hz) 10,000.0 to 99,999.9 Hz (0.1Hz) and 100,000 Hz			
	Maximum Simultaneous Frequencies	2 Individual 6 Equal Intensity Harmon Multiple with Pulse and F Multiple with Custom Arb	requency Harmonics		
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to Single or Multiple Freque Square or Linear Drive Fr	ncies		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
Resolution Maximum Simultaneous Modulation Frequencies		1.0000 to 9.9999 Hz (0.0 10.000 to 99.999 Hz (0.0 100.00 to 999.99 Hz (0.0 1,000.0 to 9,999.9 Hz (0.	01 Hz) ´ 1 Hz)		
		Individual Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms			
Intensity	ı	1 to 100%			
Power Output		Model HW620A Red 255 Model HW530A Green 43 Model HW470A Blue 174	35 Lumens Max.		

Raytubes

Naytube	3				
Туре		Plasma Carrier Modulator			
Application		1 pair plugs directly into the Ultra Powered from the Ultra			
Configuration	1	Fully balanced differenti	ial, Floating		
Energy type		AC Radio Frequencies Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible,	, ,		
Frequency	Modes of Operation		ncies @ Fixed Carrier (50kHz Nominal) ies, Linear Drive Carrier		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 50,000 Hz (only effective if below Carrier Frequency)			
	Resolution	1.00000 to 9.99999 Hz (0.00001 Hz) 10.0000 to 99.9999 Hz (0.0001 Hz) 100.000 to 999.999 Hz (0.001 Hz) 1,000.00 to 9,999.99 Hz (0.01 Hz) 10,000.0 to 50,000.00 Hz (0.1Hz)			
	Maximum Simultaneous Frequencies	1 Individual + Carrier 2 Equal Intensity Harmo Multiple with Pulse and Multiple with Custom Ar			
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to Single or Multiple Frequ Square or Linear Drive	uencies		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
Resolution		1.0000 to 9.9999 Hz (0. 10.000 to 99.999 Hz (0. 100.00 to 999.99 Hz (0. 1,000.0 to 9,999.9 Hz (0.	001 Hz) 01 Hz)		
Maximum1 IndividualSimultaneous2 Equal Intensity Harmonic MultipliersModulationMultiple with Pulse and Frequency HarmonicsFrequenciesMultiple with Custom Arbitrary Waveforms					
Intensity	ı	1 to 100%			
Power Outpu	ut	30 Watts Max. (dependen	at upon program & load impedance)		

Vortex VM Model: Vortex VM

vortex				Model: Vortex VIV	
Туре		Plasma Carrier Modulat	or		
Application		Connects to Ultra Auxiliary connector through a cord Powered by the Ultra			
Configuration	1	Fully balanced different	ial, Floating		
Energy type		AC Radio Frequencies Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible,	(RF) Conduction & Ultra-violet (UV) Light		
Frequency	Modes of Operation		ncies @ Fixed Carrier (50kHz Nominal) ies, Linear Drive Carrier		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 50,000 Hz (only effect	etive if below Carrier Frequency)		
	Resolution	1.00000 to 9.99999 Hz 10.0000 to 99.9999 Hz 100.000 to 999.999 Hz 1,000.00 to 9,999.99 Hz 10,000.0 to 50,000.00 H	(0.0001 Hz) (0.001 Hz) z (0.01 Hz)		
	Maximum Simultaneous Frequencies	Individual + Carrier Equal Intensity Harmonic Multipliers + Carrier Multiple with Pulse and Frequency Harmonics + Carrier Multiple with Custom Arbitrary Waveforms + Carrier			
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 100 Single or Multiple Frequ Square or Linear Drive	iencies		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
Resolution		1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz			
	Maximum Simultaneous Modulation Frequencies	1 Individual 2 Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms			
Intensity		1 to 100%			

Beam Tube PCM Model: BT PCM

Ream 11	IDE PCIVI			Model: BT PCM	
Туре		Plasma Carrier Modulat	or		
Application		Connects to Ultra Auxiliary connector through a cord Powered by the Ultra			
Configuration	n	Fully balanced differenti	al, Floating		
Energy type		AC Radio Frequencies Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible, 6	· ,		
Frequency	Modes of Operation	Single or Mixed Frequency Square Drive Frequency	ncies @ Fixed Carrier (168kHz Nominal) les, Linear Drive Carrier		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 168,000 Hz Square 1 to 100,000 Hz all othe	ewave (only effective if below Carrier Frequency) or Waveforms		
	Resolution	1.00000 to 9.99999 Hz 10.0000 to 99.9999 Hz 100.000 to 999.999 Hz 1,000.00 to 9,999.99 Hz 10,000.0 to 99,999.9 Hz	(0.0001 Hz) (0.001 Hz)		
	Maximum Simultaneous Frequencies	Individual + Carrier Equal Intensity Harmonic Multipliers +Carrier Multiple with Pulse and Frequency Harmonics + Carrier Multiple with Custom Arbitrary Waveforms + Carrier			
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to Single or Multiple Frequ Square or Linear Drive	encies		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
Range Resolution		1 to 10,000 Hz			
		1.0000 to 9.9999 Hz (0. 10.000 to 99.999 Hz (0. 100.00 to 999.99 Hz (0. 1,000.0 to 9,999.9 Hz (0.	001 Hz) ´ 01 Hz)		
Maximum1 IndividualSimultaneous2 Equal Intensity Harmonic MultipliersModulationMultiple with Pulse and Frequency HarmonicsFrequenciesMultiple with Custom Arbitrary Waveforms					
Intensity		1 to 100%			
Power Outpu	ut	48 Watts Max. (dependen	t upon program & load impedance)		
		1			

Beam Tube High Frequer				Model: BT HF-PC	
Туре		Plasma Carrier Modulator			
Application		Connects to Ultra Auxiliary connector through a cord Powered by the Ultra			
Configuration	1	Unbalanced, Floating			
Energy type		AC Radio Frequencies (RF) Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible, & UI			
Frequency	Modes of Operation	Single or Mixed Frequencie Square Drive frequencies a	s with or without Variable Carrier Fre nd Carrier	quency	
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 4,000,000 Hz Squarew 1 to 100,000 Hz all other W			
Resolution Maximum Simultaneous Frequencies		1.00000 to 9.99999 Hz (0.0 10.0000 to 99.9999 Hz (0.0 100.000 to 999.999 Hz (0.0 1,000.00 to 9,999.99 Hz (0.0 10,000.0 to 99,999.9 Hz (0.0 100,000 to 4,000,000 Hz (100,000 to 4,000,000 Hz (100,000 H	001 Hz) 01 Hz) 01 Hz) 1Hz) and 100,000 Hz		
		2 Individual 4 Equal Intensity Harmonic Multiple with Pulse and Free Multiple with Custom Arbitra	quency Harmonics		
Duty Cycle, Modulation & Gate		Variable Duty Cycle 1 to 10 Variable Modulation 1 to 10 Single or Multiple Frequenc Square or Linear Drive Fred	0% ies		
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz			
	Maximum Simultaneous Modulation Frequencies	1 Individual 2 Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms			
Intensity	1	1 to 100%			
Power Outpu	+	48 Watts Max. (dependent upo	on program & load impedance)		

Beam Tube EFG Model: BT EFG

Dealli i u				IVIOGOL DI LI O	
Туре	Type Electric Field Generator				
Application		Connects to Ultra Auxiliary co Powered by separate 120/24			
Configuration	1	Unbalanced, Floating			
Energy type AC Radio Frequencies (RF) Conduction Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible, & Ultra-violet (UV) Light					
Duty Cycle, Modulation & Gate	Modes of Operation	Variable Duty Cycle 1 to 100 ^o Single or Mixed Frequencies Square Drive Frequencies			
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 666 Hz			
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 666.66 Hz (0.01 Hz)			
Maximum Simultaneous Modulation Frequencies		Individual Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms			
Intensity		Fixed 100%			
Power Outpu	ıt	125 milli-joules/pulse (83 wat	ts @ 666 Hz.)		

Туре	ıbe High Frequei	Electric Field Generator		Model: BT HF-EF
турс		Licetile Field Generator		
Application		Connects to Ultra Auxiliary Powered by separate 120/		
Configuration	1	Unbalanced, Floating		
Energy type		AC Radio Frequencies (RI Electromagnetic (EM) Electric Field (E-Field) Ultra-red (UR), Visible, & U		
Frequency	Modes of Operation	Single or Mixed Frequenci Square Drive Frequencies	es with or without Variable Frequency	Carrier
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3
	Range	1 to 10,000 Hz		
	Resolution	1.00000 to 9.99999 Hz (0. 10.0000 to 99.9999 Hz (0. 100.000 to 999.999 Hz (0. 1,000.00 to 9,999.99 Hz (0.	0001 Hz) 001 Hz)	
	Maximum Simultaneous Frequencies	2 Individual 4 Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms		
Duty Cycle, Modulation & Gate	Mode of Operation	Variable Duty Cycle 1 to 1 Single or Multiple Frequen Square or Linear Drive Fre	cies	
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3
	Range	1 to 10,000 Hz		
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz		
	Maximum Simultaneous Modulation Frequencies	Individual Equal Intensity Harmonic Multiple with Pulse and Fre Multiple with Custom Arbit	equency Harmonics	
Intensity	1	1 to 100%		
Power Outpu	ut	20 milli-joules/pulse (72 wa (joules limited at higher frequenci		

12V Power Supply Adapter

Туре	Power Supply Adapter for the Ultra
Application	Provides power for the Ultra from a 12V DC source, such as a car, car battery, or Solar system Connects to Ultra through a cord

Model: PS 12/24

Ultra Footbath Model: BCX Ultra Foot Bath

Uitra Footbath			I'	Model: BCX Oltra Foot Bath	
Туре		Electrolysis Generator a	nd Modulator		
Application		Powered by 120-240VAC 50/60Hz source Plug into BCX Ultra Auxiliary connector for Modulation and Duty Cycle capabilities			
Configuration	1	Floating			
Energy type		DC Electricity with applic	cation changing polarity		
Duty Cycle, Modulation & Gate		Variable Duty Cycle 1 to 100% Single or Mixed Frequencies Square Drive Frequencies			
	Waveform Types	Squarewave Sinewave Square Sweep Trapezoid Triangle	Hoyland Linear Ramp Up Linear Ramp Down Exponential Ramp Up Exponential Ramp Down	Equal Odd Order Harmonics Equal Even Order Harmonics Custom 1 Custom 2 Custom 3	
	Range	1 to 10,000 Hz			
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.0 Hz (0.1 Hz) and 10,000 Hz			
Maximum Simultaneous Modulation Frequencies 1 Individual 2 Equal Intensity Harmonic Multipliers Multiple with Pulse and Frequency Harmonics Multiple with Custom Arbitrary Waveforms					
Intensity	ı	Fixed 100%			
Power Outpu	ıt	48 Watts Max. (dependent upon program & load impedance)			