





## Technical Specification

Baseline Impedance	50 - 3200 Ohm
Programmable step	50 Ohm
Accuracy	<1%

### Impedance Modulation

$\Delta\Omega$ Range (Base Impedance 200ohms or more)	$\pm 175$ Ohm
$\Delta\Omega$ Range (Base Impedance below 200ohms)	$\pm 45$ Ohm
Range error	<3%
Impedance Modulation Resolution	12 bit
Linearity error within range	<0.3%

### Output

Output Capacitance	< 100 pF
Auxiliary Signal Output	Modulation Signal
Output Coupling	DC
Voltage Output Ranges	$\pm 1.0$ V
Accuracy	0.5%
Modulation waveform:	
Pre-loaded:	Sine wave
Frequency Range	0.05 - 100 Hz
Frequency Resolution	0.01 Hz

### Arbitrary Waveforms

Sampling rate	1.0 - 3000.0 Hz
Sample resolution	12 bit
Memory	30 Ksamples
Synchronization mode	Internal/External

