

PicoScope 3423 Performance

	4 CH			2 CH			1 CH		
Capture Time	Sample Rate Per Channel	Sample Interval	Total Samples Per Channel	Sample Rate Per Channel	Sample Interval	Total Samples Per Channel	Sample Rate Per Channel	Sample Interval	Total Samples Per Channel
5us	NA	NA	NA	10MHz	100ns	56	20MHz	50ns	106
10us	5MHz	200ns	56	10MHz	100ns	106	20MHz	50ns	206
20us	5MHz	200ns	106	10MHz	100ns	206	20MHz	50ns	406
50us	5MHz	200ns	256	10MHz	100ns	506	20MHz	50ns	1,006
100us	5MHz	200ns	506	10MHz	100ns	1,006	20MHz	50ns	2,006
200us	5MHz	200ns	1,006	10MHz	100ns	2,006	20MHz	50ns	4,006
500us	5MHz	200ns	2,506	10MHz	100ns	5,006	20MHz	50ns	10,006
1ms	5MHz	200ns	5,006	10MHz	100ns	10,006	20MHz	50ns	20,006
2ms	5MHz	200ns	10,006	10MHz	100ns	20,006	20MHz	50ns	40,006
5ms	5MHz	200ns	25,006	10MHz	100ns	50,006	20MHz	50ns	100,006
10ms	5MHz	200ns	50,006	10MHz	100ns	100,006	20MHz	50ns	200,006
20ms	5MHz	200ns	100,006	10MHz	100ns	200,006	20MHz	50ns	400,006
50ms	2.5MHz	400ns	125,006	5MHz	200ns	250,006	10MHz	100ns	500,006
100ms	1.25MHz	800ns	125,006	2.5MHz	400ns	250,006	5MHz	200ns	500,006
200ms	625KHz	1.6us	125,006	1.25MHz	800ns	250,006	2.5MHz	400ns	500,006
500ms	156.3KHz	6.4us	78,131	312.5KHz	3.2us	156,256	625KHz	1.6us	312,506
1sec	1MHz	1us	1,000,006	1MHz	1us	1,000,006	1MHz	1us	1,000,006
2sec	1MHz	1us	2,000,006	1MHz	1us	2,000,006	1MHz	1us	2,000,006
5sec	333.3KHz	3us	1,666,672	333.3KHz	3us	1,666,672	333.3KHz	3us	1,666,672
10sec	200KHz	5us	2,000,006	200KHz	5us	2,000,006	200KHz	5us	2,000,006
20sec	100KHz	10us	2,000,006	100KHz	10us	2,000,006	100KHz	10us	2,000,006
50sec	41.67KHz	24us	2,083,339	41.67KHz	24us	2,083,339	41.67KHz	24us	2,083,339
100sec	20.83KHz	48us	2,083,339	20.83KHz	48us	2,083,339	20.83KHz	48us	2,083,339
200sec	10.42KHz	96us	2,083,339	10.42KHz	96us	2,083,339	10.42KHz	96us	2,083,339
500sec	4.184KHz	239us	2,092,056	4.184KHz	239us	2,092,056	4.184KHz	239us	2,092,056
1000sec	2.096KHz	447us	2,096,442	2.096KHz	447us	2,096,442	2.096KHz	447us	2,096,442
2000sec	1.048KHz	954us	2,096,442	1.048KHz	954us	2,096,442	1.048KHz	954us	2,096,442