

Sampling Interval when Recording Average Values

When you select “Average” or “Average Fine” as the recording method, sampling interval of measurement changes depending on the combination of conditions as shown in the tables below. Furthermore, when you select “Auto” as the measurement range, sampling interval shown in background will change to 1 second, and recording intervals of less than 1 second will not be available to be set. If you wish to set the recording interval to less than 1 second, the measurement range must be set to other than “Auto”.

Table 1. Recording Method : Average <Individual Recording>

		Recording Interval																							
		2 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	500 ms	1 sec	2 sec	5 sec	10 sec	15 sec	20 sec	30 sec	1 min	2 min	5 min	10 min	15 min	20 min	30 min	60 min	
50-60Hz Filter OFF	1ch	2 ms	5 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	2ch	N/A	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	3ch	N/A	N/A	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	4ch	N/A	N/A	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
50-60Hz Filter ON	1ch	N/A	N/A	N/A	N/A	N/A	100 ms	100 ms	100 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	2ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	3ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	4ch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500 ms	500 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	

Table 2. Recording Method : Average Fine <Individual Recording>

		Recording Interval																							
		2 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	500 ms	1 sec	2 sec	5 sec	10 sec	15 sec	20 sec	30 sec	1 min	2 min	5 min	10 min	15 min	20 min	30 min	60 min	
50-60Hz Filter OFF	1ch	2 ms	5 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	2 ms	5 ms	5 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	2ch	N/A	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	3ch	N/A	N/A	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	4ch	N/A	N/A	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	10 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
50-60Hz Filter ON	1ch	N/A	N/A	N/A	N/A	N/A	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	2ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	3ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	4ch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	

Table 3. Recording Method : Average <Group Recording>

		Recording Interval																							
		2 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	500 ms	1 sec	2 sec	5 sec	10 sec	15 sec	20 sec	30 sec	1 min	2 min	5 min	10 min	15 min	20 min	30 min	60 min	
50-60Hz Filter OFF	1ch	2 ms	5 ms	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	2ch	N/A	5 ms	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	3ch	N/A	N/A	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
	4ch	N/A	N/A	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	
50-60Hz Filter ON	1ch	N/A	N/A	N/A	N/A	N/A	100 ms	100 ms	100 ms	100 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	2ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	3ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	
	4ch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500 ms	500 ms	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	1 sec	10 sec	10 sec	10 sec	10 sec	10 sec	

Table 4. Recording Method : Average Fine <Group Recording>

		Recording Interval																							
		2 ms	5 ms	10 ms	20 ms	50 ms	100 ms	200 ms	500 ms	1 sec	2 sec	5 sec	10 sec	15 sec	20 sec	30 sec	1 min	2 min	5 min	10 min	15 min	20 min	30 min	60 min	
50-60Hz Filter OFF	1ch	2 ms	5 ms	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	2ch	N/A	5 ms	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	3ch	N/A	N/A	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
	4ch	N/A	N/A	10 ms	20 ms	50 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	20 ms	50 ms	100 ms	200 ms	200 ms	500 ms	1 sec	
50-60Hz Filter ON	1ch	N/A	N/A	N/A	N/A	N/A	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	100 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	2ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	3ch	N/A	N/A	N/A	N/A	N/A	N/A	200 ms	500 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	200 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	
	4ch	N/A	N/A	N/A	N/A	N/A	N/A	N/A	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	500 ms	1 sec	2 sec	2 sec	5 sec	10 sec	