

## Extended-period data saving

### 1. Saving data to internal memory

The tables below present examples of the maximum internal memory data saving times.

Event data file only (no calculation channel)

Measurement channels	Saving interval			
	125 ms	500 ms	1 second	10 seconds
2	Approximately 4.1 hours	Approximately 16.6 hours	Approximately 33.3 hours	Approximately 13.8 days
4	Approximately 4.1 hours	Approximately 16.6 hours	Approximately 33.3 hours	Approximately 13.8 days
6	—	—	Approximately 27.7 hours	Approximately 11.5 days
12	—	—	Approximately 13.8 hours	Approximately 5.7 days

Event data file only (no calculation channel)

Measurement channels	Saving interval			
	125 ms	500 ms	1 second	10 seconds
4	Approximately 4.1 hours	Approximately 16.6 hours	Approximately 33.3 hours	Approximately 13.8 days
8	Approximately 2.6 hours	Approximately 10.4 hours	Approximately 20.8 hours	Approximately 8.6 days
10	—	—	Approximately 16.6 hours	Approximately 6.9 days
20	—	—	Approximately 8.3 hours	Approximately 3.4 days
30	—	—	Approximately 5.5 hours	Approximately 2.3 days

Display data file only (no calculation channel)

Measurement channels	Display updating interval (min/div)				
	15 seconds	1 minute	2 minutes	5 minutes	30 minutes
	Saving interval				
	0.5 second	2 seconds	4 seconds	10 seconds	1 minute
2	Approximately 13.8 hours	Approximately 2.3 days	Approximately 4.6 days	Approximately 11.5 days	Approximately 69.4 days
4	Approximately 10.4 hours	Approximately 1.7 days	Approximately 3.4 days	Approximately 8.6 days	Approximately 52 days
6	—	Approximately 1.1 days	Approximately 2.3 days	Approximately 5.7 days	Approximately 34.7 days
12	—	Approximately 13.8 hours	Approximately 1.1 days	Approximately 2.8 days	Approximately 17.3 days

Display data file only (no calculation channel)

Measurement channels	Display updating interval (min/div)				
	15 seconds	1 minute	2 minutes	5 minutes	30 minutes
	Saving interval				
	0.5 second	2 seconds	4 seconds	10 seconds	1 minute
4	Approximately 10.4 hours	Approximately 1.7 days	Approximately 3.4 days	Approximately 8.6 days	Approximately 52 days
8	Approximately 5.2 hours	Approximately 2.8 hours	Approximately 1.7 days	Approximately 4.3 days	Approximately 26 days
10	—	Approximately 16.6 hours	Approximately 1.3 days	Approximately 3.4 days	Approximately 20.8 days
20	—	Approximately 8.3 hours	Approximately 16.6 hours	Approximately 1.7 days	Approximately 10.4 days
30	—	Approximately 5.5 hours	Approximately 11.1 hours	Approximately 1.1 days	Approximately 6.9 days

### 2. Saving data to removable storage medium

MV100/MV200 data are saved as files to a removable storage medium.

The tables below present examples of the maximum data saving times for a compact flash memory card (512 MB).

Event data file only (no calculation channel)

Measurement channels	Saving interval			
	125 ms	500 ms	1 second	10 seconds
2	Approximately 4.6 months	Approximately 19 months	Approximately 3 years	Approximately 32.3 years
4	Approximately 2.3 months	Approximately 9.5 months	Approximately 1.5 years	Approximately 16.1 years
6	—	—	Approximately 1.2 years	Approximately 13.4 years
12	—	—	Approximately 7.9 months	Approximately 6.7 years

Event data file only (no calculation channel)

Measurement channels	Saving interval			
	125 ms	500 ms	1 second	10 seconds
4	Approximately 2.7 months	Approximately 11.8 months	Approximately 1.9 years	Approximately 20.2 years
8	Approximately 1.3 months	Approximately 5.9 months	Approximately 11.8 months	Approximately 10.1 years
10	—	—	Approximately 9.5 months	Approximately 8 years
20	—	—	Approximately 4.7 months	Approximately 3.9 years
30	—	—	Approximately 3.1 months	Approximately 2.6 years

Display data file only (no calculation channel)

Measurement channels	Display updating interval (min/div)				
	15 seconds	1 minute	2 minutes	5 minutes	30 minutes
	Saving interval				
	0.5 second	2 seconds	4 seconds	10 seconds	1 minute
2	Approximately 11.8 months	Approximately 3.9 years	Approximately 7.9 years	Approximately 20.2 years	Approximately 121.4 years
4	Approximately 5.9 months	Approximately 1.9 years	Approximately 3.9 years	Approximately 10.1 years	Approximately 60.7 years
6	—	Approximately 1.2 years	Approximately 2.6 years	Approximately 6.7 years	Approximately 40.4 years
12	—	Approximately 8 months	Approximately 1.2 years	Approximately 3.3 years	Approximately 20.2 years

Display data file only (no calculation channel)

Measurement channels	Display updating interval (min/div)				
	15 seconds	1 minute	2 minutes	5 minutes	30 minutes
	Saving interval				
	0.5 second	2 seconds	4 seconds	10 seconds	1 minute
4	Approximately 5.9 months	Approximately 1.9 years	Approximately 3.9 years	Approximately 10.1 years	Approximately 60.7 years
8	Approximately 2.9 months	Approximately 11.8 months	Approximately 1.9 years	Approximately 9.5 months	Approximately 30.3 years
10	—	Approximately 9.5 months	Approximately 1.5 years	Approximately 3.9 years	Approximately 24.3 years
20	—	Approximately 4.7 months	Approximately 9.5 months	Approximately 1.9 years	Approximately 12.1 years
30	—	Approximately 3.1 months	Approximately 6.2 months	Approximately 1.2 years	Approximately 8 years