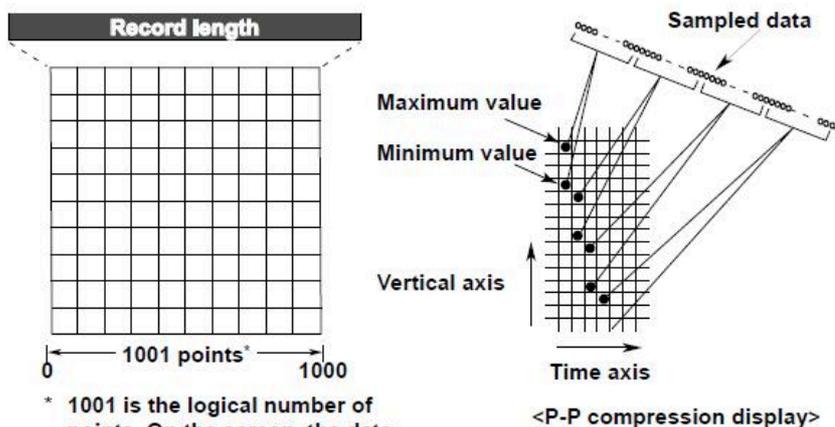


How the Time Axis Relates to the Display of the Waveform

There are 10 div along the time axis, and 1001 points (logical number of points, not the dots on the screen) are used to draw the waveforms. Therefore, if the display record length is exactly 1 kpoint (the number of acquired data points is 1001), the waveform is displayed using 1001 points. However, if the display record length is greater than or equal to 2 kpoint, as shown in the figure on the right, the DL850/DL850V draws the waveform by determining the maximum and minimum values at each fixed interval (P-P compression) and aligning them vertically at the same time position (total number of points: 2002).



* 1001 is the logical number of points. On the screen, the data is compressed to 800 or 500 dots (1000 dots in the full-screen waveform display).

Zooming Horizontally and Drawing Waveforms

The DL850/DL850V can expand (zoom) the waveform horizontally. When the zoom factor of the waveform is increased, the number of displayed points decreases. The DL850/DL850V displays the waveform using P-P compressed until the number of displayed points falls to 2002, but it cannot display the waveform using continuous lines when the number of displayed points falls below 1001. When this happens, the DL850/DL850V [interpolates the display](#) data so that the number of displayed points is 1001.