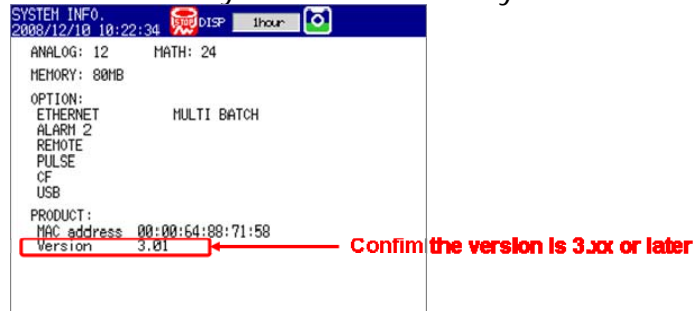


## Using Sample Screens

### Regarding the Sample Files

Note: These sample data files are for DXAdvanced\_R3. Do not use these files for versions prior to DXAdvanced\_R3, or for other products. To check the version, press the FUNC key and look in the "System information" screen.



<System information screen>

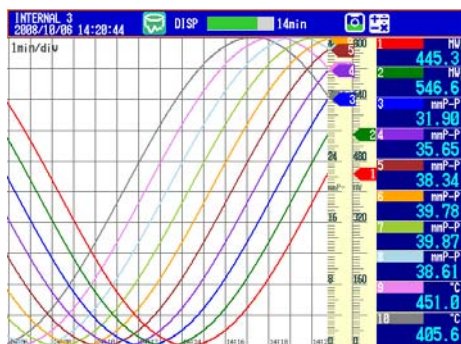
### 1. Sample screen files: sample\_img.zip [856 KB]

- Basic: 8 (4 each for the DX1000 and DX2000)

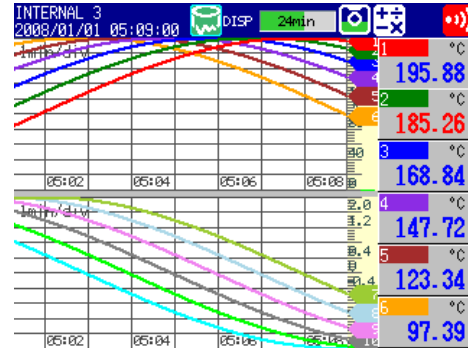
It is useful in such cases as when you want to slightly arrange the standard screen in a custom display. The following are contained in the folders.

- Screen settings files (.CDC)

For detailed instructions on loading, see 3, "Loading Sample Files" below.



<DX2000 screen sample>



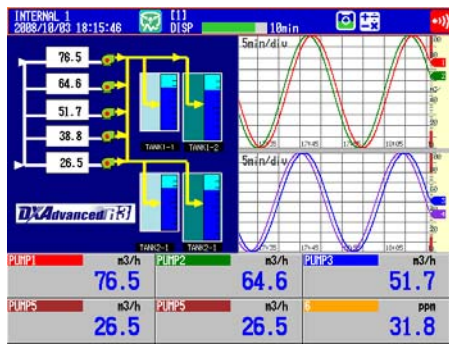
<DX1000 screen sample>

- Applications: 20 (for the DX2000 only)

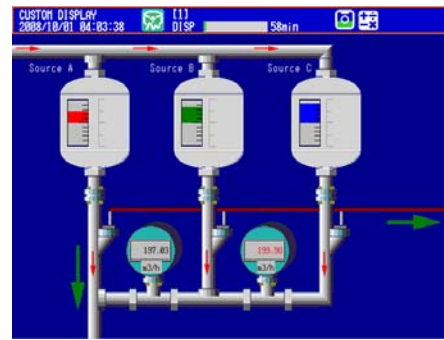
These are data samples that generate screens through plotting samples, bitmap data, and event actions. The following are included in the folders.

- Screen settings files (.CDC)
- Bitmap files (.bmp)

To use .CDC file, load it on the DX main unit. For detailed instructions on loading, see 3, "Loading Sample Files" below.



&lt;DX2000 screen sample 1&gt;



&lt;DX2000 screen sample 2&gt;

\* The screens above are examples. Actual screens may vary depending on range, units, tags, and other settings.

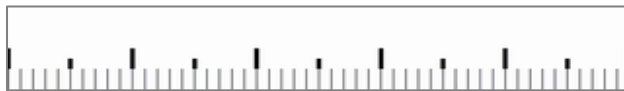
## 2. Scale and collection of units: scale.zip [173 KB]

### ➤ Scale

This includes scales from 50 to 120 divisions (or 110 for the DX1000). There are 18 scale types for the DX1000, and 19 types for the DX2000. Using these templates, you can create custom scales by adding labels.

### ➤ Units

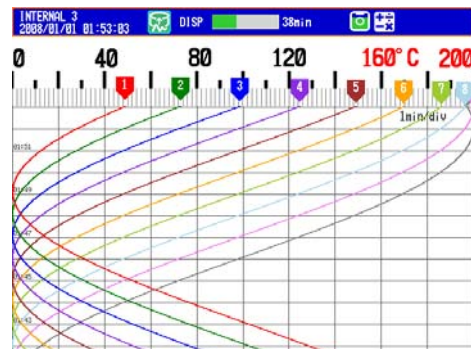
A collection of sampled units, mostly of ones that DXAdvanced cannot display. Three sizes of labels (L, M, and S) are available to match the size of the scale.



&lt;Example of a scale&gt;

m <sup>3</sup> /h	ppmO <sub>2</sub>	kΩ	Nm <sup>3</sup> /h
g/cm <sup>3</sup>	μA	GΩ	Nm <sup>3</sup> /m
m <sup>3</sup> /min	μm	μS/cm	x10 <sup>2</sup>
cm <sup>3</sup>	μΩ	g/cm <sup>3</sup>	x10 <sup>3</sup>
cm <sup>2</sup>	μF	°C	x10 <sup>4</sup>
m <sup>3</sup> /s	μS	m/s <sup>2</sup>	x10 <sup>5</sup>
m <sup>2</sup>	μV	mm <sup>2</sup>	x10 <sup>6</sup>
m <sup>3</sup>	g/m <sup>3</sup>	mm <sup>3</sup>	x10 <sup>-2</sup>
kg/m <sup>3</sup>	Ω	m <sup>2</sup> /S	x10 <sup>-3</sup>
	x10 <sup>-4</sup>	x10 <sup>-5</sup>	x10 <sup>-6</sup>

&lt;Example of units&gt;



&lt;Example of creating a DX2000 scale&gt;

## 3. Loading Sample Files

### 3.1 Loading sample screen files on the DX

Step 0: Double-click the downloaded sample files to unzip.

Step 1: Copy the unzipped sample files to a compact flash memory device, then insert the memory into the DX according to the following:

(1) Basic and scale:

Copy the DX1000 and DX2000 folders (with their contents) individually to the compact flash memory.

(2) Application\_E

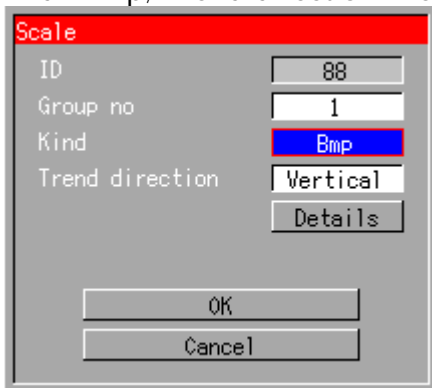
Copy the Application\_E folder to the compact flash memory.

- Step 2: On the DX, press MENU > File > Custom display load > All.  
 Step 3: Under Directory name, select DX1000 or DX2000 and Application-E, then press the Disp/Enter key.  
 Step 4: Press the ESC key several times to return to the operation screen.  
 Step 5: Using the Disp/Enter key, select Custom Screen.

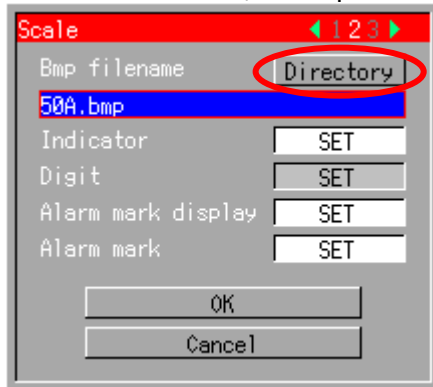
### 3.2 Loading a Scale

\* For details, see the instrument user's manual.

- Step 1: Select a desired file (xxx.bmp) from the "Scale" folder of the downloaded file, and copy it to a compact flash memory device. Then insert the memory into the DX.  
 Step 2: In the custom display, TOOL BOX > SCALE, select Area, then press the Disp/Enter key.  
 Step 3: With the cursor over the scale, use the soft key to press PROPERTY.  
 Step 4: In the Scale settings, enter the following.  
 Kind: Bmp; Trend direction: Vertical.



- Step 5: Press Details.  
 Step 6: In page 2 of the Advanced screen, change the Bmp file to the one you wish to download, then press OK.

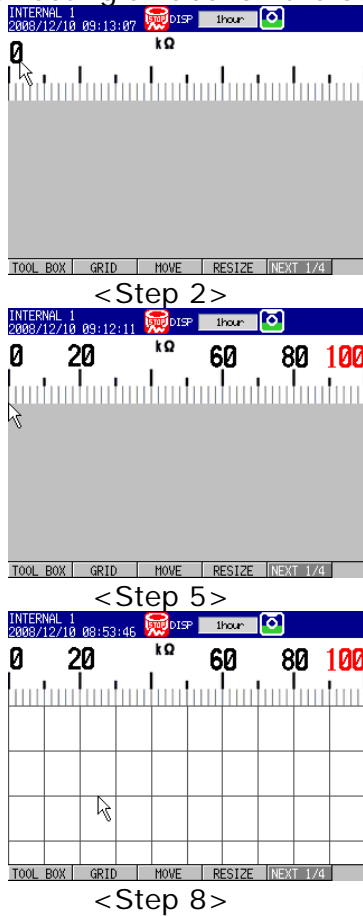


\* If the message "There is no file or directory" appears, press the "Directory" button above to confirm the directory of the file, and make sure that the file is in the specified directory.

### 3.3 Pasting the Units Bitmap on the Scale

Use a third-party image editor to cut out units from the units collection, paste them on the scale file you wish to display, then save. For the steps thereafter, follow the procedure in 3.2, "Loading a Scale."

### 3.4 Pasting a Label on the Scale



- Step 1: Display the scale on the screens in the overviews in 3.2 and 3.3.
- Step 2: As in the figure, place the cursor at the location where you wish to paste the label. Choose **TOOL BOX > LABEL**, specify an area with the cursor, then press the **Disp/Enter** key.
- Step 3: Place the cursor on "**LABEL**," then press the **PROPERTY** soft key.
- Step 4: Edit the character string, Text label, Font, color, and other attributes, then press **OK** to accept the changes.
- Step 5: Create each of the labels in the same manner.
- Step 6: Place the cursor at the bottom left edge of the scale. Choose **TOOL BOX > TREND**, specify an area with the cursor, then press the **Disp/Enter** key.
- Step 7: With the cursor over the trend, press the **PROPERTY** soft key.
- Step 8: Select a direction of **Vertical**, and click **OK** to accept the change.
- Step 9: Press the "**RUN PNL**" soft key.

#### Disclaimers

- The settings file is intended as a sample for checking screen images. Note that it will not necessarily be used as-is.
- Yokogawa accepts no liability for any damages occurring as a result of use of this sample file.