![ZETEC]

UltraVision TOUCH 3.8R16

(PC and TOPAZ versions)

Technical Guidelines

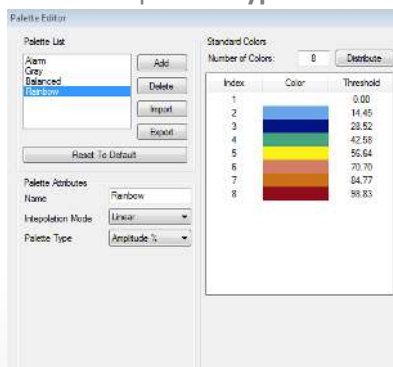# Table of Contents

1. Custom Palette

A new type of palette is available on Ultravision Touch 3.8R16. **Custom Palette** now offers the possibility of creating a personalized color palette. Create an UvPalette file through the UV3 Classic software before using a custom palette.

Figure 1-1 Custom Palette

To create a Custom Palette:

1. Open UV3 Classic in any mode on a computer.
2. From **Tools → Palette Editor.**
3. Add and define a new palette:
   a. Choose the number of colors to be used
   b. Select each of the colors
   c. Define the palette **Type** and Interpolation mode

4. Select if **Special Colors** and/or **Use Min/Max Colors** should be used.

5. Export the palette to an UvPalette file.
6. Import the custom palette on UV Touch:
    a. Click on the desired view to display the **View Settings** toolbar.

    b. Click **View Properties**.

       The **View Properties** window appears (see *Figure 1-2*)
    c. Select **Custom** from the palette type.
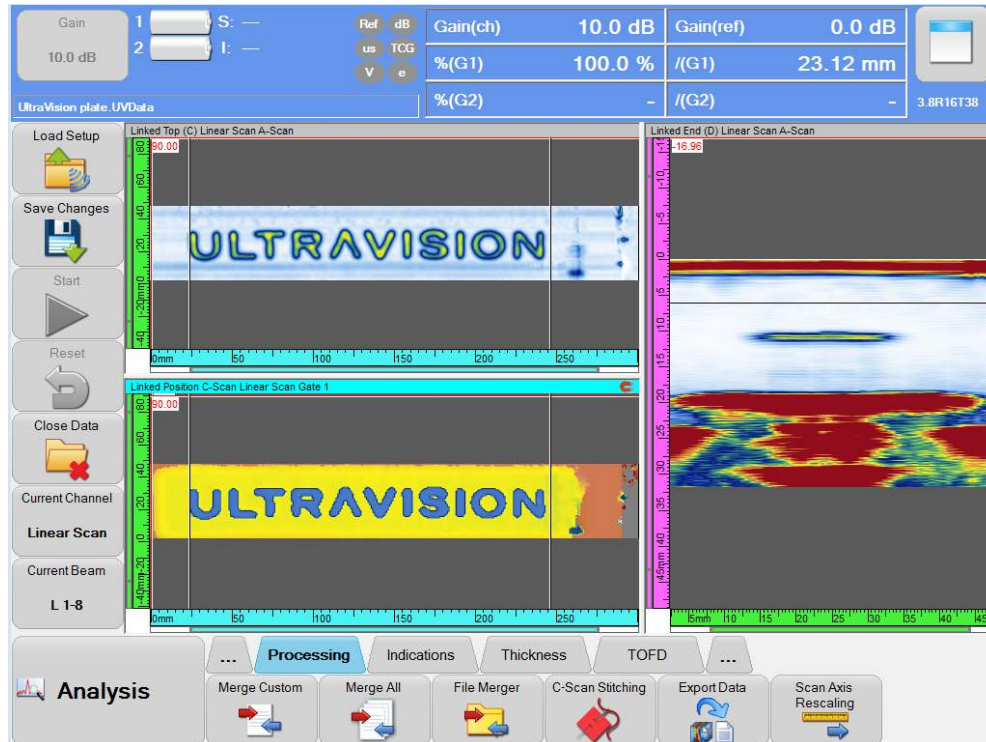
Figure 1-2 View Properties Window

    d. The data is displayed in the selected palette.

2. Keep 1:1 Ratio

During analysis, displaying UT data with the proper aspect ratio is often essential. UV Touch 3.8R16 offers the possibility to lock the ratio to 1:1 to maintain image proportions.

The 1:1 ratio can be enabled for any volumetric or C-Scan views.

To enable the 1:1 Ratio:

1. Click on the desired view to display the **View Settings** toolbar.

2. Click **View Properties**.

   The **View Properties** window appears (see *Figure 2-1*)
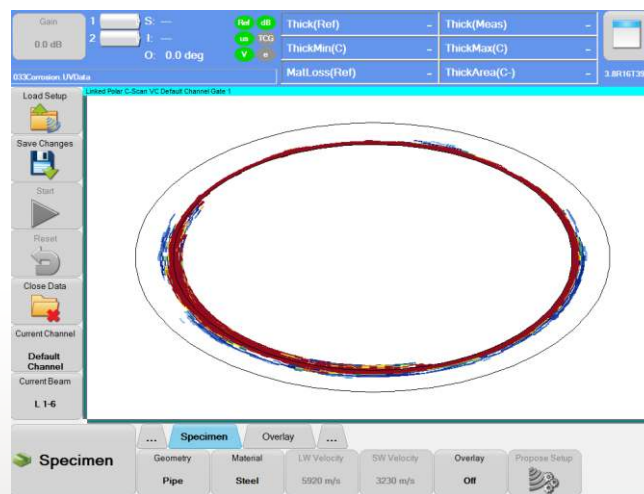
3. Select **Keep 1:1 Ratio** from the palette type.

Figure 2-1 View Properties Window

3. 3. Polar View C-Scan

For pipe corrosion evaluation, it is useful to display the remaining thickness on a cross section using the new Polar C-Scan representation available in UV Touch 3.8R16.

In order to be able to display a Polar view of a C-Scan, three conditions are required:

- UV Touch is in analysis mode
- The Specimen is set to a pipe
- At least one **Gate** is activated

Once these three conditions are satisfied, the C-Scan Polar view displays like any other view type:

1. Click on the desired view to display the **View Settings** toolbar.

2. Click **View Properties**.

The **View Properties** window appears (see *Figure 3-1*)

3. In the view type, select **Polar C-Scan.**

Figure 3-1 View Properties