

C~VIEW - SPIRAL MANUFACTURING VARIATION

This demonstrates the following features:

- Import Wizard
- Screening data on import
- Viewing at composite level can show new features.

The example has 3 different ways of importing data:

- From inside the file as part of the data itself (this depends on the format)
- From the filename
- Manual user input

The import wizard has a lot of options which are available, the main ones are:

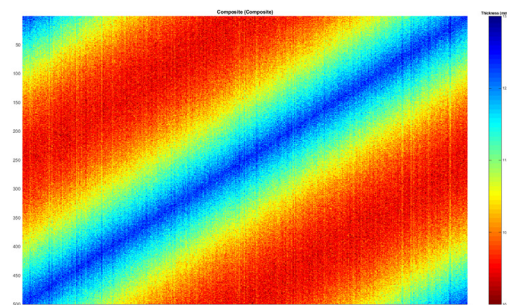
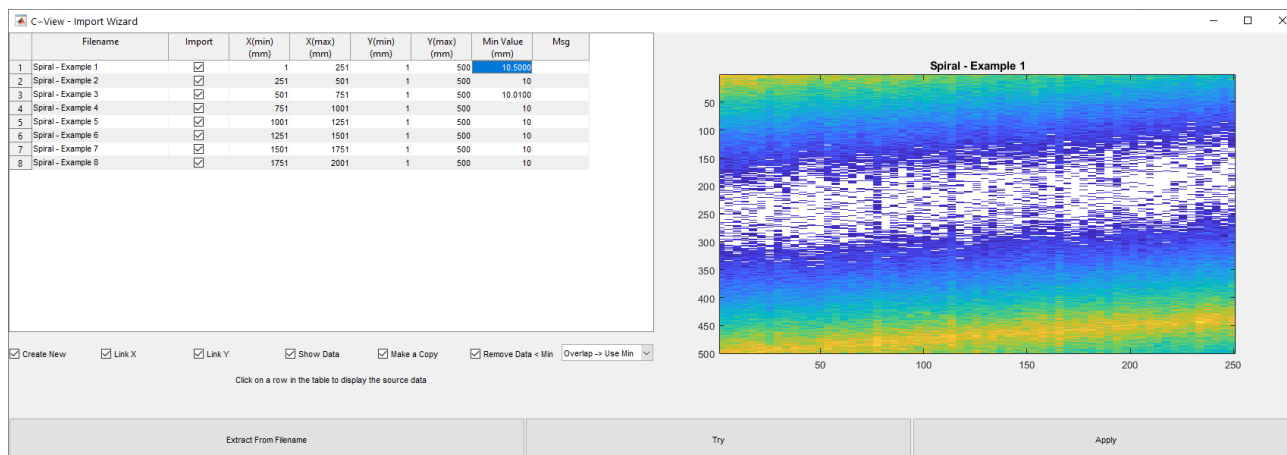
- Plot data (to show each individual/selected scan)
- Update the scan coordinates
- The minimum thickness value from the data, this can be edited to match a value from a report (to remove spurious data from the final composite), an example of this is shown below.
- The large portion of white in the middle is due to data being removed below the updated minimum in the table.

C~View - Import Wizard

	Filename	Import	X(min) (mm)	X(max) (mm)	Y(min) (mm)	Y(max) (mm)	Min Value (mm)	Msg
1	Spiral - Example 1	<input checked="" type="checkbox"/>	1	251	1	500	10	
2	Spiral - Example 2	<input checked="" type="checkbox"/>	251	501	1	500	10	
3	Spiral - Example 3	<input checked="" type="checkbox"/>	501	751	1	500	10.0100	
4	Spiral - Example 4	<input checked="" type="checkbox"/>	751	1001	1	500	10	
5	Spiral - Example 5	<input checked="" type="checkbox"/>	1001	1251	1	500	10	
6	Spiral - Example 6	<input checked="" type="checkbox"/>	1251	1501	1	500	10	
7	Spiral - Example 7	<input checked="" type="checkbox"/>	1501	1751	1	500	10	
8	Spiral - Example 8	<input checked="" type="checkbox"/>	1751	2001	1	500	10	

☒ Create New
 ☒ Link X
 ☒ Link Y
 ☐ Show Data
 ☒ Make a Copy
 ☒ Remove Data < Min
 Overlap -> Use ...

Extract From Filename
 Try
 Apply



Looking at each individual scan it's hard to see any pattern in the data, but when you look at the full composite a pattern becomes clear.

This is an example of a common manufacturing variation, it is only clear when you view numerous scans together.

All three options (available from the menu) demonstrate different ways of importing and building composites.