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## Logo



**Figure 1** Autolnspect project logo



**Figure 2** Autolnspect project logo, colours inverted

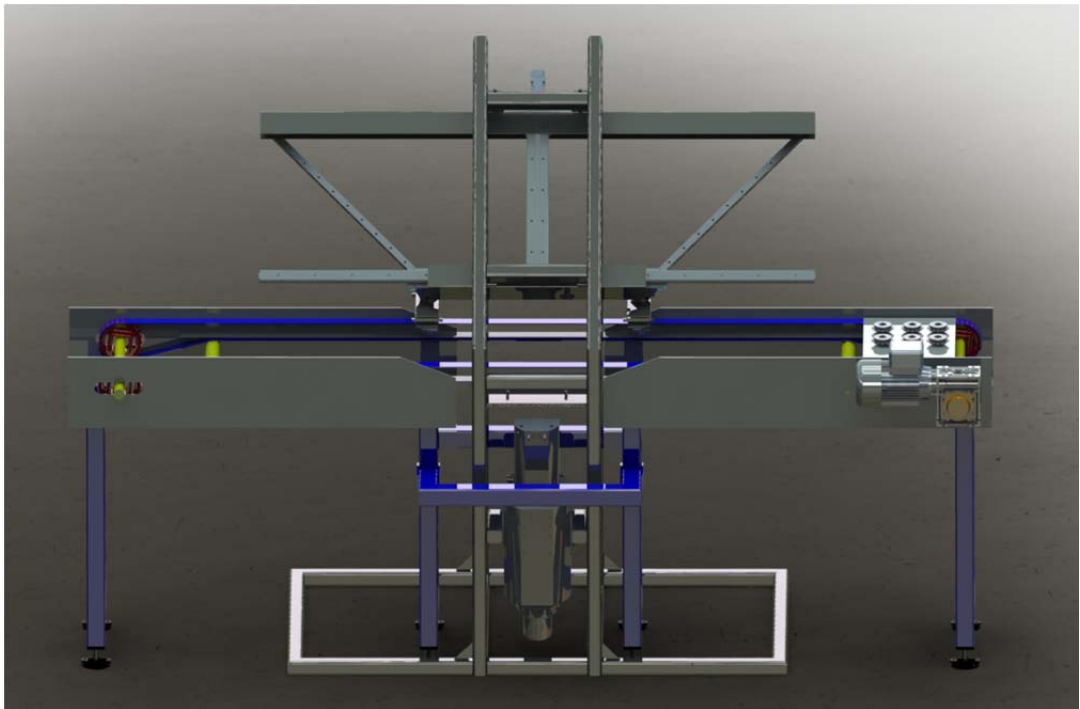
## 2 System Pictures



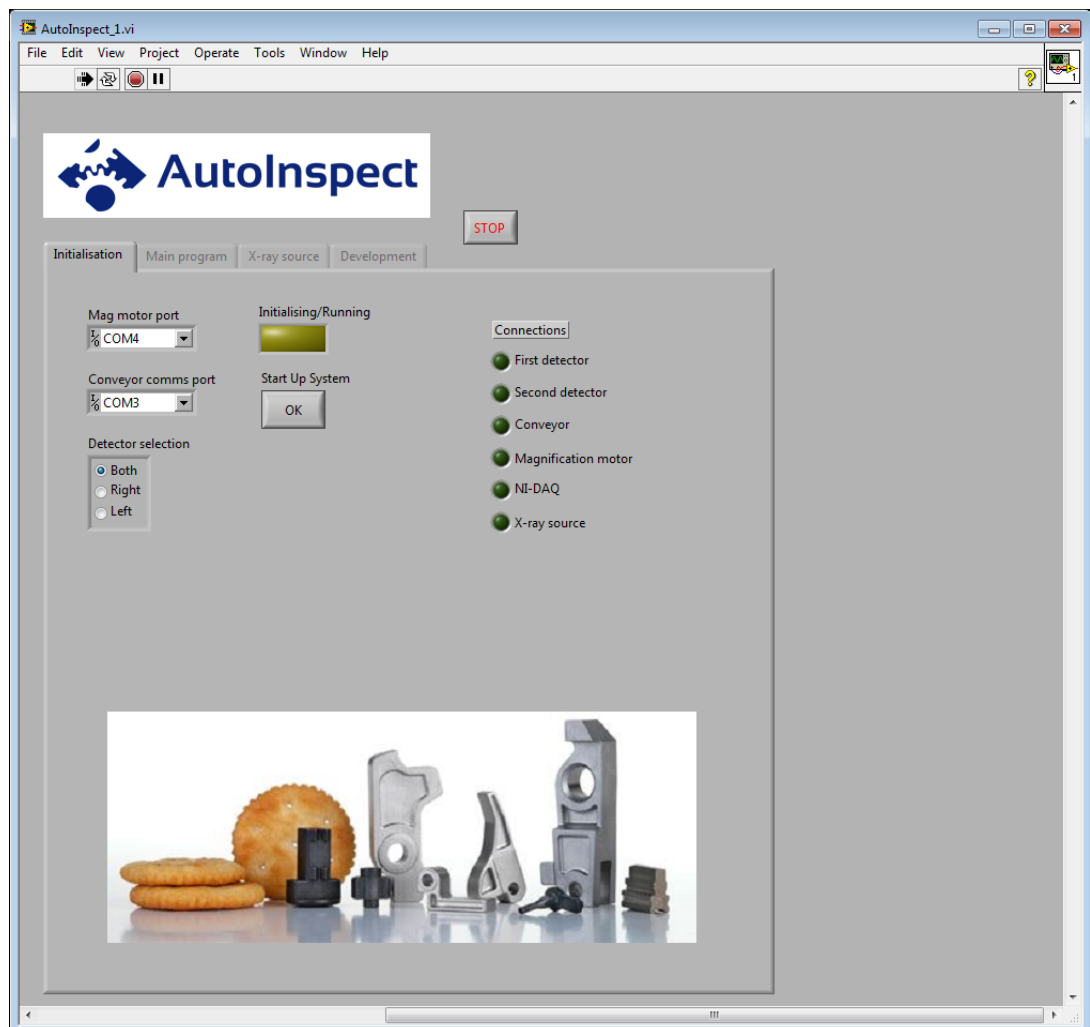
**Figure 3** AutolInspect system in TWI's radiography bay



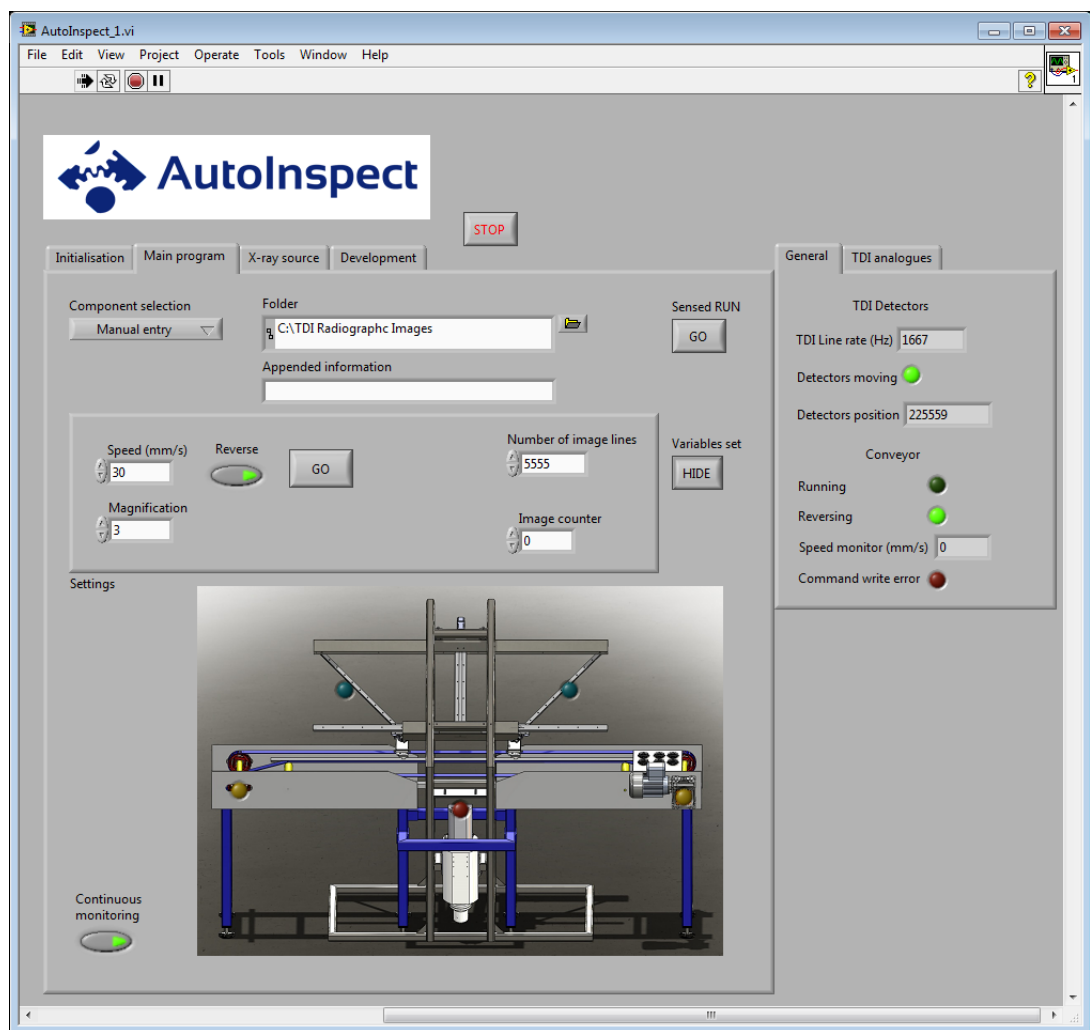
**Figure 4** AutoInspect system in TWI's radiography bay



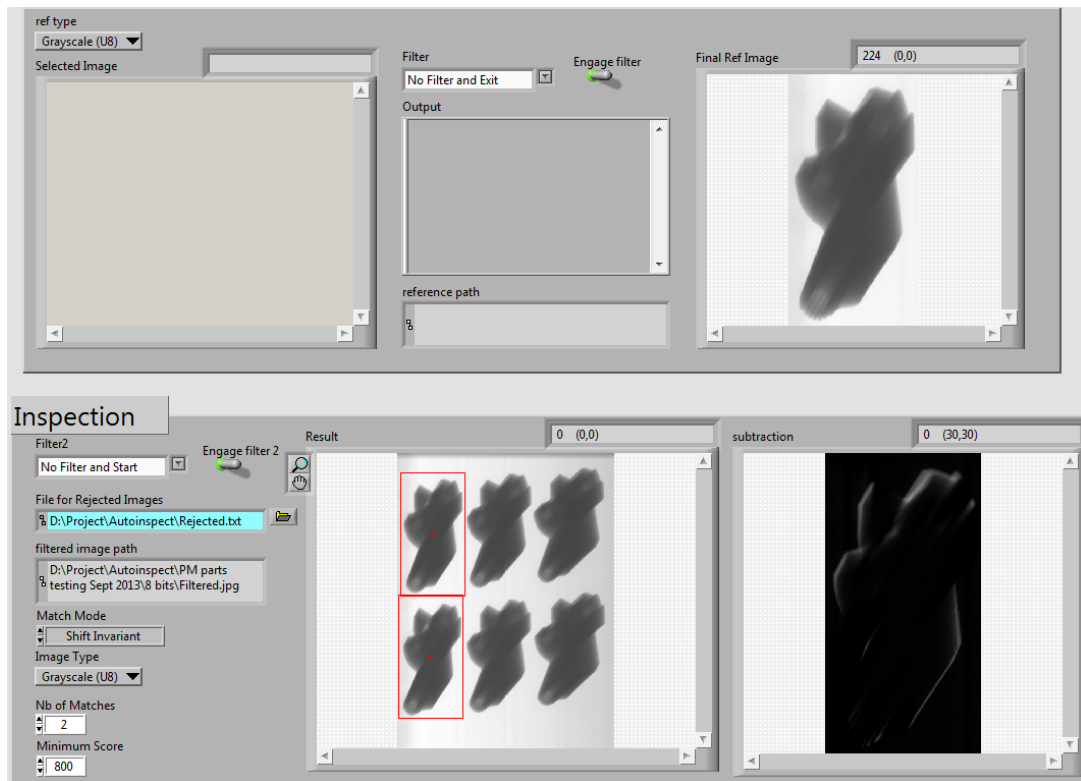
**Figure 5** Computer aided design (CAD) representation of AutoInspect system



**Figure 6** Initial screen of AutoInspect control and image acquisition software



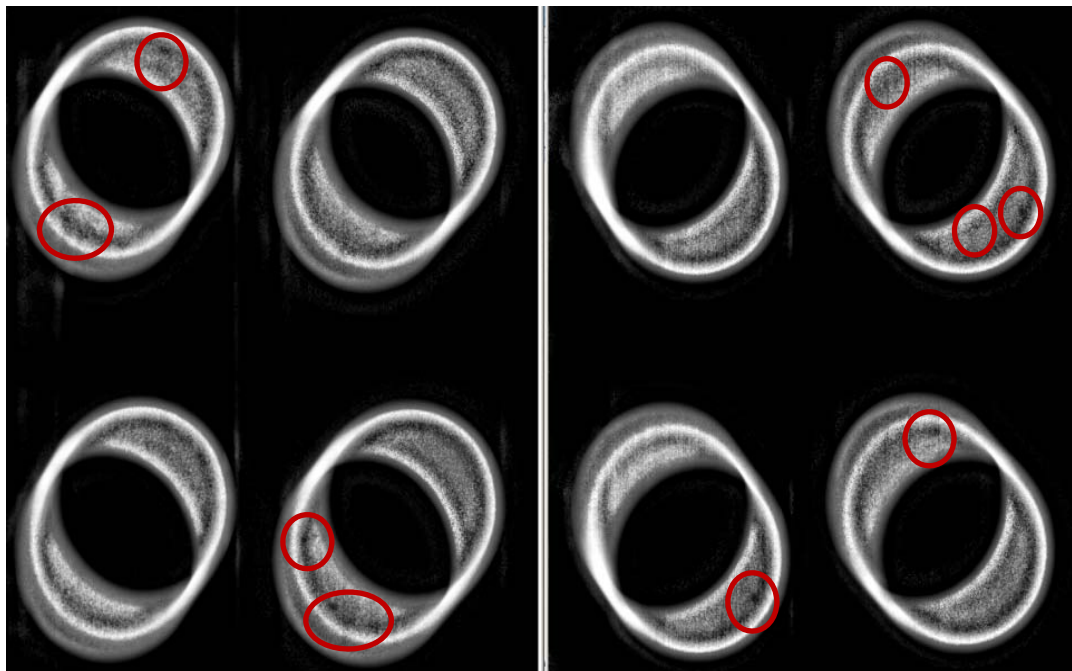
**Figure 7** Main screen of AutoInspect control and image acquisition software



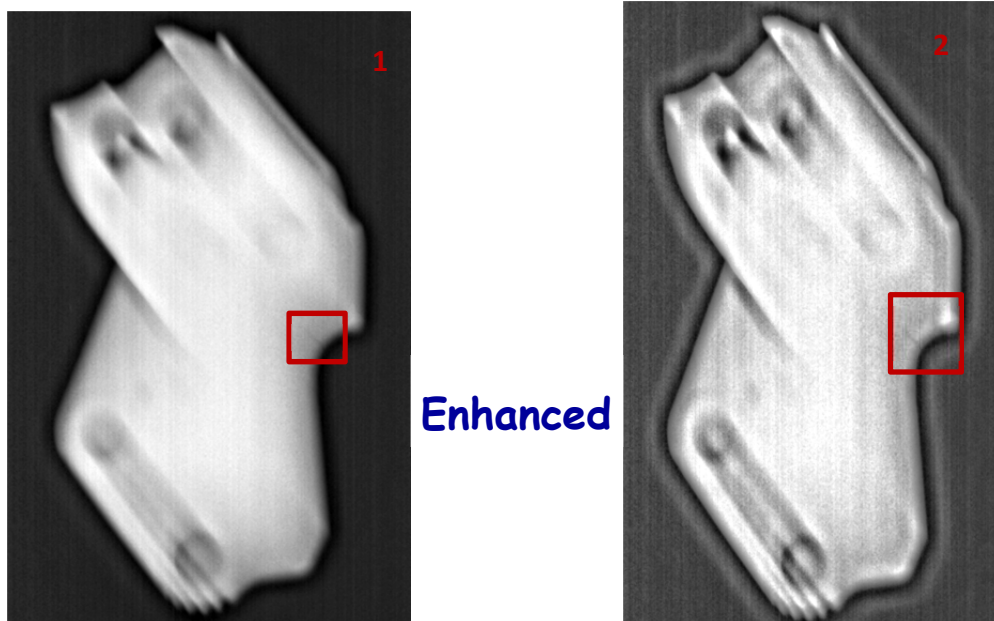
**Figure 8** Main screen of AutoInspect image processing software

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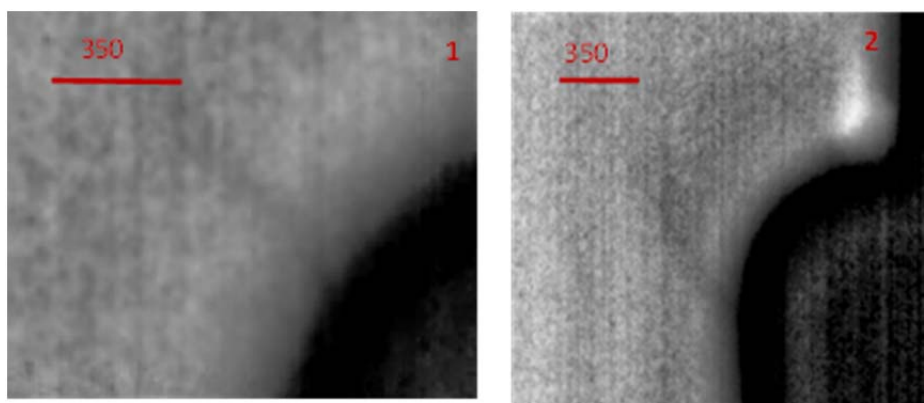
#### Results



**Figure 9** Defects detected on Federal Mogul ring samples



**Figure 10a** Defects detected on MIM Tech Alfa samples



**Figure 10b** Zoomed image of defects in Figure 10a