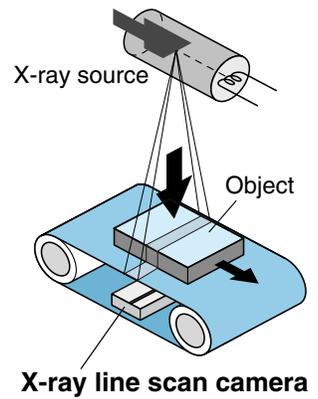


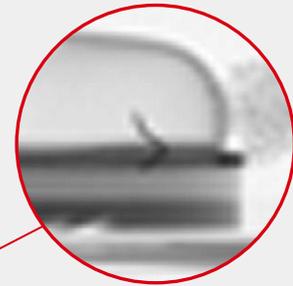
Application Note : 4

X-ray
line scan camera

Product

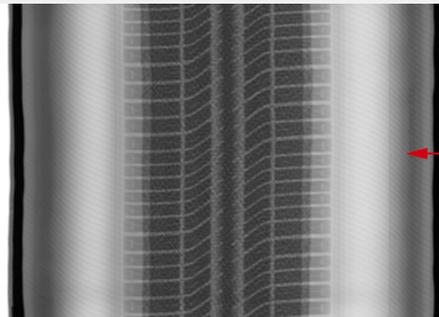
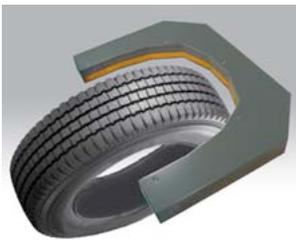


Boots with a stuck needle



The camera easily detects the clamping pin inside boots inserted during sewing of boot bottom. This allows inspecting the interior of the boot without having to open the box.

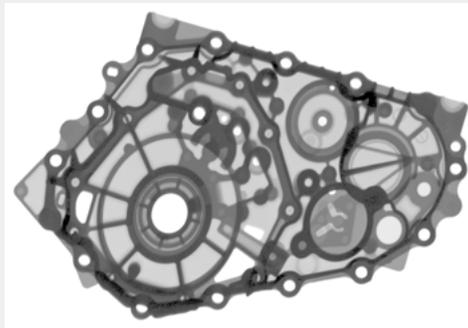
Tires (Wire inspection)



Visualizes wire bends and the gap status within the tire rubber during inspection.

Inspects wires and voids within the tire and the resin net status.

Die-cast engine parts (Void and crack inspection)



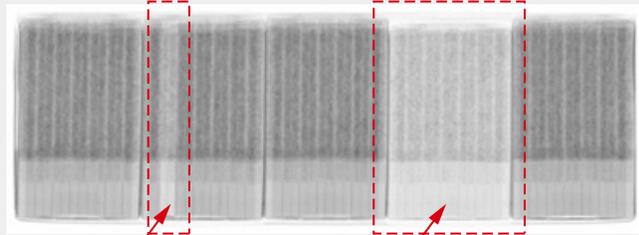
Void and crack inspection

Easily detects internal defects in die-cast parts before surface treatment and so improves the production yield.

Tobacco (Detects missing parts)

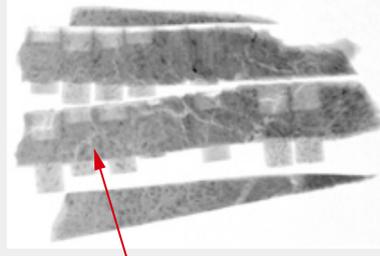


The camera checks for missing tobacco or tobacco packs and boxes on the line even after the cartons have been wrapped. The position and status of aromatic beads within the filter can also be checked.

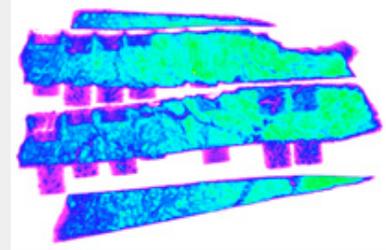


1 piece missing 1 box missing

Wine cork (Detects holes and cracks)

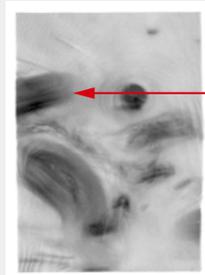


Hole and crack inspection in a cork



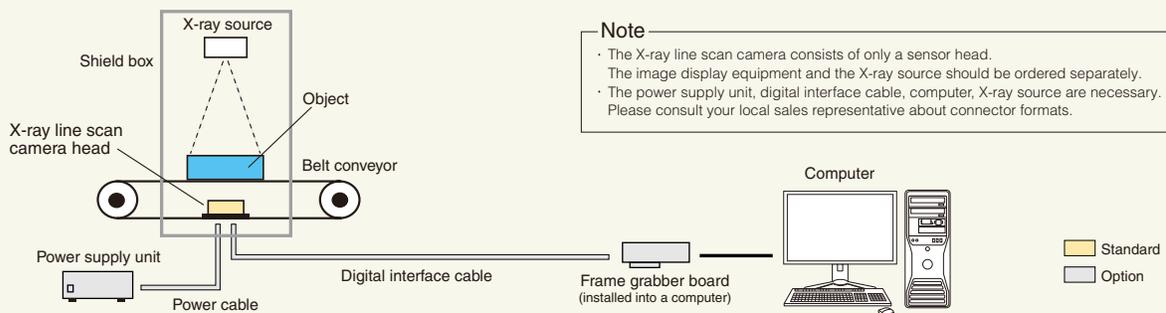
Pseudo color

Wooden boards (Inspection of internal knots)



X-ray imaging allows observing the state of knots within the wood that are otherwise impossible to find from the board surface.

System configuration



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