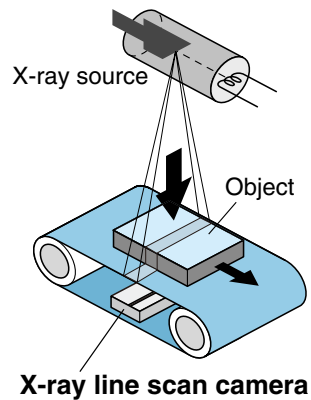


Application Note : 1

X-ray
line scan camera

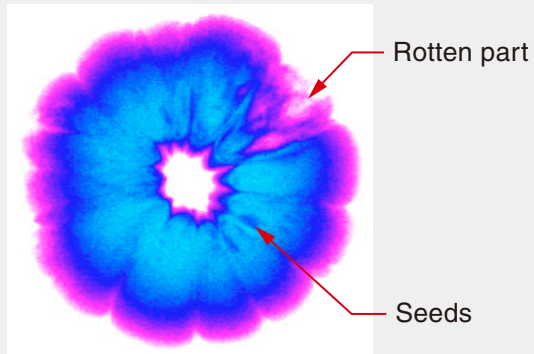
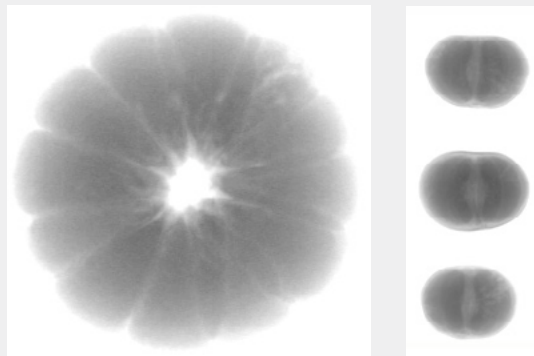
Agriculture



Oranges (Detects rotten parts and seeds)



Damaged portions in an orange that were hard to see by ordinary imaging can be clearly and sharply detected by high dynamic range imaging. This allows an operator to judge if the scratch or damage is only on the surface.

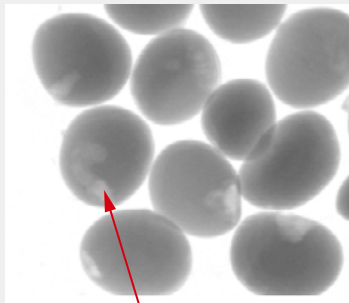


Pseudo color

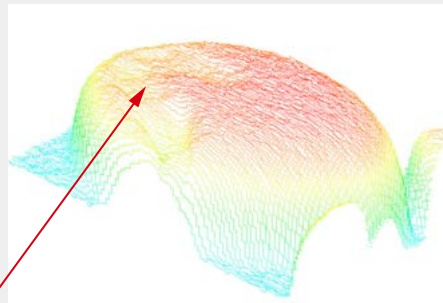
Chestnuts (Detects holes which noxious insects made)



Easily detects tiny insect bites or presence of worms in nuts. The high dynamic range of the camera allows detecting even a small difference in contrast.

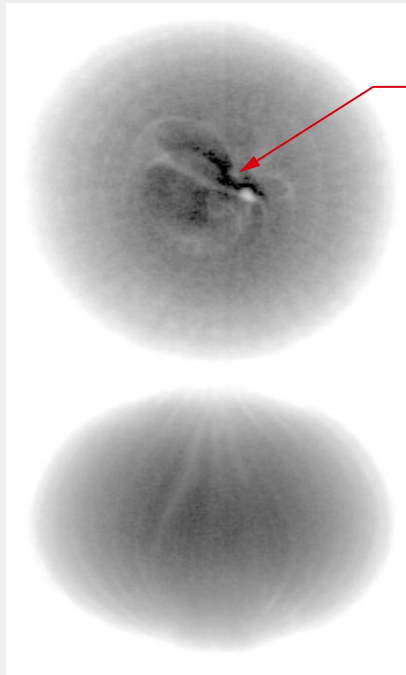


A hole which a noxious insect made



3D image

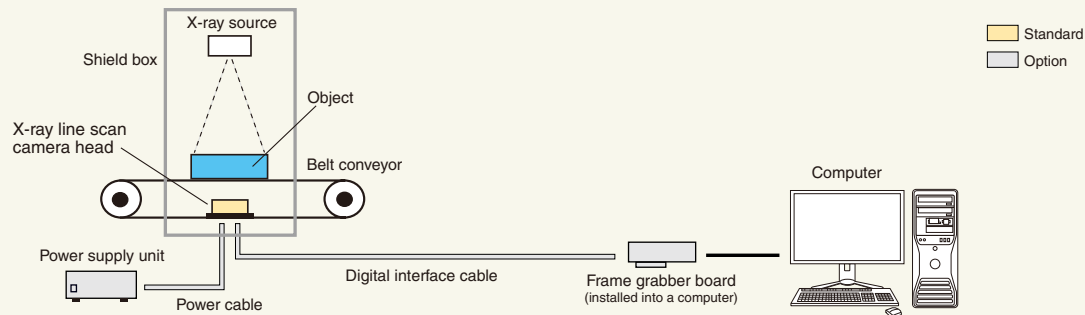
Onions (Detects buds inside an onion)



A bud inside an onion

This image shows an onion starting sprouting. Even low contrast images of the inside of an onion can be detected clearly by high dynamic range imaging.

System configuration



Note

- The X-ray line scan camera consists of only a sensor head. The image display equipment and the X-ray source should be ordered separately.
- The power supply unit, digital interface cable, computer, X-ray source are necessary. Please consult your local sales representative about connector formats.

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- Please note the X-Ray images on this brochure are taken for test purpose, the images do not reflect actual qualities of the products on the market.

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