

Compact X-ray inspection system

TXR-C1R120PS-01



Self-propelling cable inspection device (conceptual image)



Light & portable, easy to carry

Power saving design

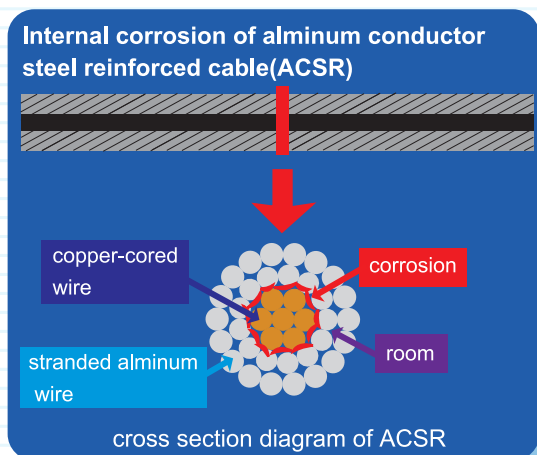
No warming up, suitable for immediate use

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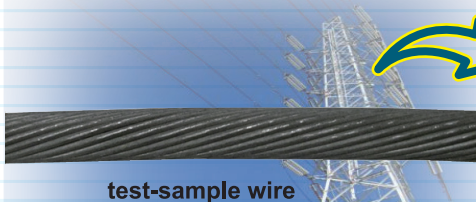
Inspection system for electric cable equipped with cold cathode X-ray source

■ Specifications

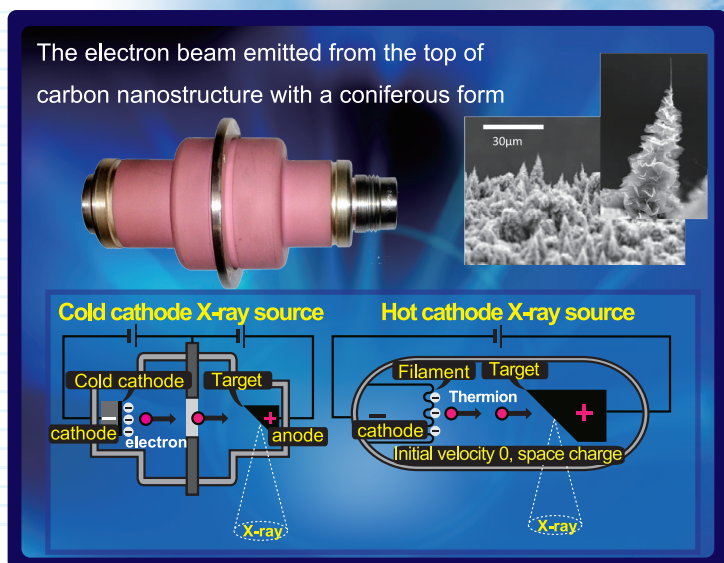
- Carbon nano-structure X-ray source to generate pulse X-ray of 70 -120keV, 20 -100ms, max. 5mA
- Body size : 270(10.6") × 270(10.6") × 180(7.1") mm(inches) / Weight : 20kg (44.1lb)
- Detection area : 100(3.9") × 150(5.9") mm(inches)
- Resolution : 99μm (1/250in.) (High resolution CMOS sensor equipped)
- Leaking radiation dosage is less than 0.6μSv. X-ray certificated specialist is not necessary.



If tested wire has corrosion materials inside, the amount of penetration of radioactive energy varies at every point



Detection of wire deterioration by applying X-ray image processing



It allows image reversing

The result image can be visualized simultaneously on site