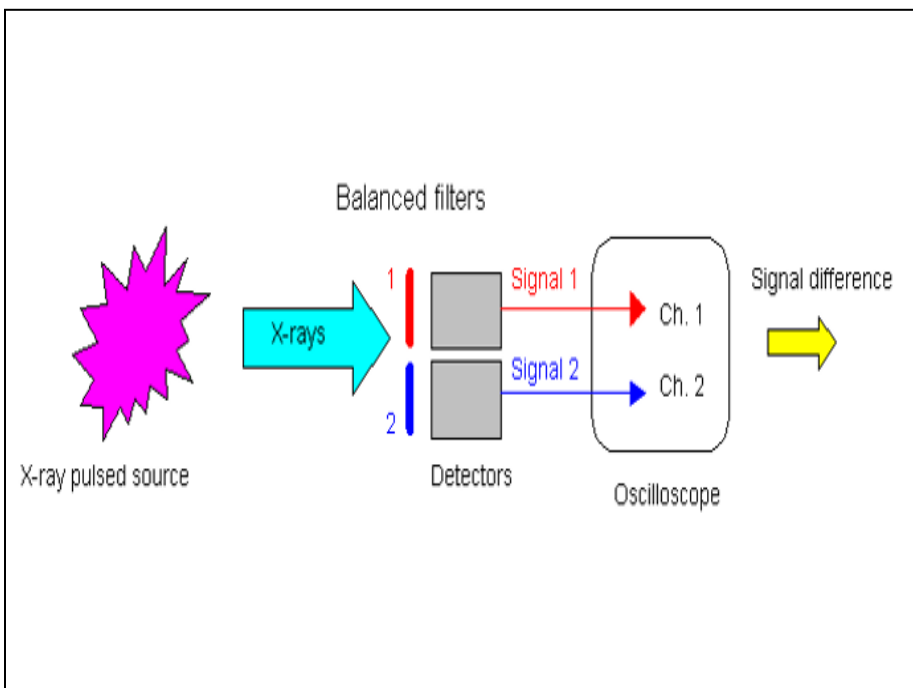


X-Ray Filter Pairs

FAR-TECH, Inc. provides precision “balanced x-ray filter pairs” utilizing a computerized design. A pair of slightly different filters, if balanced properly, can isolate spectra in a narrow energy band. This idea is demonstrated in the figure below.



Features:

Balanced filters

“Quasi” mono-energetic beam spectra measurements

Balanced response function in high-energy region

Spectrum in the “energy pass band”

- Utilized at the Arnold Engineering Development Center in Tullahoma, TN.
- Studied impurity trace profiles in the DIII-D tokamak (a National Fusion Facility).
- Used in a fusion experiment at the University of Wisconsin.



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