

June 8th, 2024

To Whom it may Concern:

I am writing about the SciAps X-550 Pb lead paint analyzer – the only lead paint analyzer that does NOT require a radioactive source.

I can confirm that the X-550 Pb is the only portable XRF analyzer manufactured that has received a HUD Performance Characteristics Sheet (PCS) at action levels of 1.0 mg/cm², 0.7 mg/cm² and 0.5 mg/cm² and that does NOT require a radioactive source. The PCS also states the SciAps X-550 Pb does not have any inconclusive ranges nor any substrate corrections. All tests require a maximum test time between 2-6 seconds depending on the lead concentration. Because there is no radioactive isotope, the test time does NOT increase with time. All other brands of lead paint XRFs require either the Cd-109 or Co-57 isotopes. You can verify this statement by reviewing the HUD web site where all approved PCS documents are published:

<https://www.hud.gov/sites/documents/PCSALLL.PDF>

For completeness, we do note that there's an older model XRF that has a published HUD PCS and does not use an isotope – the Olympus Alpha. The product was discontinued several years ago and is no longer available or serviceable. In addition, the Alpha had an inconclusive range of 0.6 – 1.4 mg/cm².

HUD has recently posted the PCS for the X-550 Pb at three different action in the event any of your group do inspections outside in jurisdictions where lower action levels (than the Federal action level of 1.0 mg/cm²) are utilized.

We sell our analyzers factory direct, not through dealers or distributors, so buying direct also assures you of the lowest possible price. If you have any additional questions please do not hesitate to contact me. Thank you very much for your interest in our products.

Sincerely,
Don Sackett
CEO, SciAps