



POSITIVE MATERIAL IDENTIFICATION



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What is positive material identification?

Positive Material Identification (PMI) is a fast and non-destructive testing (NDT) method for verifying the chemical composition of metals and alloys. PMI can be used to verify that supplied materials conform to the proper standards and specifications.

SciAps Z-200 C LIBS Analyzer

The Z is the only handheld on the planet that delivers PMI for L grade, straight grade and H grade stainless as well as carbon steels and cast irons. It's the ONLY laser (LIBS) with high enough precision to do NDT/PMI across all alloy bases.

Types of PMI

- XRF – X-Ray Fluorescence
- OES – Optical Emission Spectrometry
- LIBS – Laser Induced Breakdown Spectroscopy

