Carbon Spectrometer 316L

These carbon analyzers can measure carbon, phosphorous, sulfur, boron, arsenic and tin in low alloy and stainless steels, and nitrogen in duplex steels. That"s why spark OES is the most trusted and ...

Enhance steel testing with our Spectrometers. Ensure accurate & precise analysis of Carbon, Nitrogen, Oxygen & fine wire, foil, thin analysis in steel plants, & foundries.

Many specifically call for a low or high carbon grade of stainless, such as 316 or 316L. L-grades require the carbon content to be <0.03%, whereas H-grades require carbon content to be >0.04%.

High-grade steel type AISI 316 and AISI 316L can be analyzed with the optical emission spectrometer ferro.lyte®, and by determining the carbon content.

Type 316 stainless steel contains up to 0.07% carbon, whereas 316L contains a maximum of only 0.03%. This small absolute difference is enough to give the alloys clearly different intergranular ...

For example, XRF can measure the elements required to identify 316 stainless steel, but cannot measure the Carbon required to identify whether that same 316 material is L or H grade. ...

As a lightweight spectrometer, the Belec Compact Port is capable of performing inspection duties that no other mobile oes unit on the market can do. From analyzing light elements in steel to meeting the ...

This Data Bulletin shows analysis results of a high-grade steel analyzed with the optical emission spectrometer ferro.lyte®.

Presented here is a method to analyze carbon content in carbon and stainless steels, utilizing the technique of handheld laser induced breakdown spectroscopy (HH LIBS).

With an optional four-wheeled trolley, the spark spectrometer and accessories easily roll to the place where analysis is needed. Controlled by an intelligent energy management system, Q4 MOBILE can ...

The Niton Apollo portable LIBS analyzer allows quick and accurate measurement of carbon concentrations in steel and stainless steel.

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