Portability and precision: from handheld to lab analyzers, we have you covered

The iron and steel manufacturing processing

Stage 1
Raw Materials Processing
- Weight verification
- Elemental analysis using OES, XRF, XRD
- Handheld XRF analysis
- Online elemental analysis of coal
- Density, flow and level measurement
- Online gas and moisture analysis
- Radiation measurement and protection
- Particulate monitoring
- Laboratory informatics

Stage 2
Steel Making and Casting
- Elemental analysis using OES, XRF, XRD
- Handheld XRF analysis
- Elemental analysis including carbon content with LIBS
- Flow measurement
- Online gas analysis
- Radiation measurement and protection
- Particulate monitoring
- Laboratory informatics
- X-ray source/flux stability
- OES Inclusion monitoring

Stage 3
Billet/Ingot/Final Product inspection
- Certificate of analysis using OES
- Elemental analysis including carbon content with LIBS
- Handheld XRF analysis for product identification
- Laboratory informatics
- Gas analysis
- Radiation measurement and protection
- Data acquisition & management
- Particulate monitoring

Learn more at thermofisher.com/niton-arl

© 2022 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.