# Rugged and Reliable

## Exploring durability of the Niton XL2 Plus XRF Analyzer

**Q: How does the Niton XL2 Plus withstand analysis of sharp items?**

**A:** It is recommended that you always operate your analyzer with care. However, when analysis of sharp items is required, operators can analyze with confidence using the Thermo Scientific™ Niton™ XL2 Plus handheld XRF analyzer. Equipped with Detector ProGuard protection, the Niton XL2 Plus contains a barrier to help reduce the risk of detector punctures (without impacting light element performance). Without this barrier, your detector is vulnerable to puncture damage, leading to costly repair services and instrument downtime that may impact your bottom line.

**Q: How does the Niton XL2 Plus endure environments that contain excess dirt, dust or moisture?**

**A:** Getting dust or moisture into your analyzer can be detrimental. Often times it will reduce the life of your analyzer and impact reliability. The Niton XL2 Plus is IP54 certified, meaning that it is sealed against moisture and dust, making it the ideal choice for tough industrial environments. The splash and dust proof design ensure uninterrupted operation and worry-free use virtually anywhere.

**Q: How does the industrial design of the Niton XL2 Plus fit into my day-to-day operations?**

**A:** The Niton XL2 Plus features a rugged design for real-world industrial environments. It is lightweight and ergonomically friendly, featuring a pistol grip design for ease of use. The bright green color makes it difficult to misplace and easily identifiable in the field. The Niton XL2 Plus can be used anywhere in a refinery, metal fabrication shop, foundry, incoming and outgoing QA/QC, scrap yard, or wherever material analysis is needed.

**Q: How long does one battery charge on the Niton XL2 Plus last?**

**A:** One battery charge on the Niton XL2 Plus lasts approximately five to seven (5-7) hours. The Niton XL2 Plus comes equipped with two (2) hot swap batteries to enable uninterrupted operation, even if a battery is running low. With the Niton XL2 Plus, there is no need to power down the analyzer for a battery replacement. Users can analyze for over 10+ hours without pausing their daily operations.

**Q: Can the Niton XL2 Plus withstand exposure to hazardous substances and harsh chemicals?**

**A:** The Niton XL2 Plus is built with tough LEXAN® plastic, making it impact resistant and resilient to many harsh chemicals and acids.


*The Thermo Scientific™ Niton™ XL2 Plus handheld XRF analyzer.*


*Detector ProGuard protection provides additional detector protection when analyzing sharp items.*

Learn more at **thermofisher.com/XL2Plus**

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