

Electric Power Inc.

THE SHIELDING SPECIALISTS



LDS-910 PLUS

SHIELDED ENCLOSURE TESTING SYSTEM

The LDS-910 Plus is the latest in effective testing devices for shielded enclosures. The LDS-910 Plus provides quick and effective handheld testing of various types of shielded enclosures. This system makes finding RF shielding leaks quick and simple. With the ability to fit in your hand, the LDS-910 Plus allows for RF leak detection in hard to access areas. This test system can be used in HEMP shielding, TEMPEST, and MRI room applications. The LDS-910 Plus provides a cost effective and usable design that almost anyone can use. The real time shield effectiveness test data acquired using this system is essential for hardness maintenance and can serve as an effective tool for maintaining RF shielded enclosures.

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PORTABILITY

LDS-910 PLUS

At only 10 pounds (case included) the LDS-910 Plus can be carried on a plane, stored almost anywhere, and can be used without extensive effort. The lightweight and compact design provides best in class flexibility. Once on location, pull the compact system out of the case, calibrate, and the system is ready to go. The LDS-910 Plus is designed with a transmitter and a receiver. Simply place the transmitter outside of the shield and use the receiver on the inside to detect for RF leakage. The receiver will provide real time shield effectiveness data that can be used to determine specific fault locations in an RF enclosure. A test system such as the LDS-910 Plus is essential during Hardness Maintenance and Hardness Surveillance (HM/HS) activities.

SPECIFICATIONS

LDS-910 PLUS

The LDS-910 PLUS system includes transmitter, receiver, (2) whip antennas, (2) battery packs, (2) AC power adapters, operations manual and a rugged storage case.

System Operating Frequencies	400-960 MHz
Transmit Power	+30dBm (1 watt)
Transmitter Input Power Source	12 VDC, Center Positive Barrel Plug AC Power adapter or (8) AA battery Pack
Dynamic Range	110 dB @ 915Mhz
Antenna	Omni Directional, SMA, Standard Other Antenna Options Available
Receiver Input Power	Internal Lithium Battery, Rechargeable with USB Power Adapter
Case	Rugged Yellow Plastic, Waterproof Case, Impact Resistant