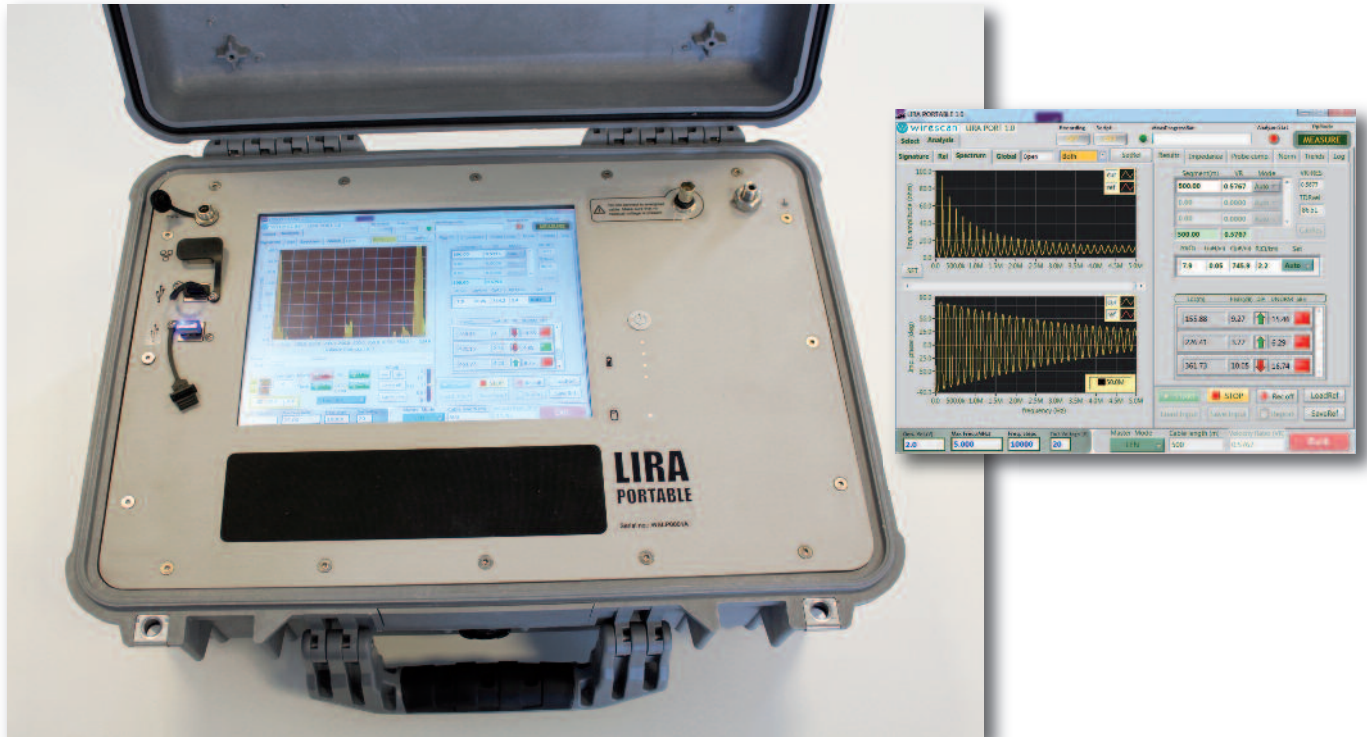


# LIRA® Portable

Unique Cable Condition Assessment System



Do you know the condition of your most critical cables?  
What are the consequences if your cables fail during operation?  
Are you sure you get the most value out of your maintenance budget?

**LIRA Portable** is a unique Cable Condition Assessment System that helps you gain control of the condition of your cables.

By using a non-destructive test method, **LIRA Portable** can measure all kinds of electrical cables, ranging from less than 50 meters to several hundred kilometers.

**LIRA Portable** is sensitive to small impedance changes in the insulation material, which allows an early indication of challenging areas, detecting and localizing single and multiple faults/damages/failures and their severity.

**LIRA Portable** allows you to monitor the global, progressive degradation of the cable insulation and cable conductor, caused by either harsh environment conditions, or mechanical stress.

## LIRA Portable helps you Manage Risk and gain Cost Control through:

- Quality control of supplied and installed cable
- Monitoring during installation – repair immediately
- Plan maintenance and repairs versus high costs at surprising cable break downs
- Plan maintenance of cables – replacement regime
- Accurate location of failures lowers search cost
- Quality control when third party is involved
- Allocation of responsibility at time of failure



## LIRA Portable Features & Benefits

Feature:	Benefit:
Runs on battery or AC power	Four hour battery operation without the need for AC power for use in remote locations
9.7" sunlight readable color touch screen	Easy operation in challenging light conditions
Rugged design: IP67 closed - IP52 in operation	Measurements possible in harsh environments
Total weight less than 10kg	Easy transportation and possible to hand carry on flights
Two USB connections	Convenient transfer of report or measurement files to laptop or USB stick
Ethernet connection	Perform remote operation, receive remote expert support and calibration, and easy file transfer and product upgrades through the Internet
Built-in report generator	Provide an easy to understand, on-site report of the cables condition, with key parameters shown
Hardware optimized software	User-friendly adjustments of measurement settings and parameters such as conductor size, insulation type, cable length, etc.
Local database	Cable data and result files stored locally on LIRA Portable for playback and later optimization of measurement results