

FOUR TIPS FOR CHOOSING A COMPLETE HIGH-VOLTAGE TESTING SOLUTION

High-voltage testing is typically performed using a single-lead instrument, forcing field staff to spend a significant amount of time scaling ladders to connect and disconnect test equipment. More time in the air increases the safety risk for employees and leaves less time for testing. There is a simpler solution that allows technicians to safely conduct more types of testing and evaluate the results. Make sure your high-voltage asset analyzer meets these criteria:

1 FAST, EFFICIENT AND SAFE

Precious outage time is lost when technicians are constantly placing and removing the lead from apparatus. Choose a device with two leads – each capable of both source and measurement – that can be placed once for testing. Dual-lead systems enable technicians to reduce ladder trips and complete testing in one-third the time when compared to single-lead systems.



2 COMPREHENSIVE

Select a high-voltage (HV) asset analyzer with the ability to perform the most common tests – power factor/tan delta, variable frequency power factor/tan delta, 3 phase 10 kV exciting current and loss – and more. Save money with fewer test instruments to purchase and support. Busy field personnel spend less time transporting gear for testing.

3 EASY TO USE

Traditional high-voltage testing requires technicians and engineers to possess knowledge of a variety of circuits, including configurations, to successfully perform testing. Look for an instrument that takes the guesswork out of set up with easy-to-read indicators, like colors or numbers, for lead placement. Make sure test plans for a variety of HV apparatus are available for easy access in a software library.

4 MANAGES AND ANALYZES YOUR DATA

Equip staff with rugged laptops or tablets designed for field applications to provide quick and secure access to apparatus test results. Once data is collected, the real value is in the analysis and the ability to view trends over time. Ensure your high-voltage testing instrument is coupled with a software solution that provides real-time insights on the condition of assets.



Visit Doble.com/M7100 to learn how the Doble M7100 provides a comprehensive solution for high-voltage asset testing.