

New



UltraTEV Locator™

The PD Locator™ is still the instrument of choice for an experienced Engineer who needs to determine the source of partial discharge activity detected in metal clad switchgear. Unique in this field, the PD Locator™, using precedence detection technology can identify in which direction a transient earth voltage pulse (TEV) is traveling even though it is traveling at the speed of light.

EA Technology has now introduced the new UltraTEV Locator™, an instrument that not only does all that the PD Locator™ does, but also incorporates new functions such as;

- Pulses per cycle and severity displays
- Detection of surface discharge using built in Ultrasonic sensors
- Detection of partial discharge in cables using an RFCT
- Non contact temperature measurements
- Assessment of ambient temperature and humidity

In addition the new UltraTEV Locator™ can use the functionality of the extended Ultrasonic Sensor™ and the UltraDish™, storing the wave forms for later analysis.

The display is a touch screen colour LCD with constant battery condition indicator.



Detection of partial discharge in live cables is a new and exciting field for EA Technology. The UltraTEV Locator™ can display partial discharge activity in cables as a number (in pC) or in graphical form.



New probes for the UltraTEV Locator™ incorporate ultrasonic sensors for the measurement of surface partial discharge.



Both the Ultrasonic Sensor™ and the UltraDish™ can be used with the new UltraTEV Locator™.



The new UltraTEV Locator™ is powered by lightweight rechargeable Lithium Ion batteries. A full charge will provide 12 hours of continuous use. The new injection moulded case is both lightweight and robust.

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