

## MODEL 9610 SHORTED TURN DETECTION AND ANALYSIS SYSTEM



### GENERAL DESCRIPTION

Software and hardware specifically designed to acquire and analyze waveforms generated by the magnetic flux in the generator air-gap. The software provides accurate indications of rotor winding shorted turn conditions, including coil and slot identification and number of turn shorts.

### SOFTWARE

- 2-Pole, 4-Pole and Salient Pole software available; 60 Hz or 50 Hz
- OS - Windows XP, Windows 7, Windows 8, or Windows 10

### SIGNAL PROCESSING

- 120,000 samples per second acquisition
- Analog to digital conversion using USB connections
- Raw signal conditioning for optimizing data quality
- Physical pole identification available with a once per revolution signal
- **Automatic** and/or **manual** data acquisition

### COMPUTER

- Pentium based notebook (use of a customer's existing notebook computer can be accommodated)
- Windows OS and Generatortech software pre-loaded

### ACCESSORIES

- All necessary cables, power supplies and instructions are included in a **rugged custom-fitted wheeled carrying case**

### SERVICES

- Includes training and lifetime phone consultations

---

**GENERATORTECH, INC.**

support@generatortech.com

phone +1.518.399.4646 fax +1.518.399.7562

104 Newman Road, Schenectady, New York USA 12302-9517

