WesDyne continues to lead the way…

- with an experience base for rotor bore inspection that is unmatched in the industry. Since 1975 WesDyne has performed several thousand rotor bore inspections.

- in rotor bore inspections under the direct supervision of a Rotor Bore Process Specialist who has been certified to ASNT and WesDyne standards for non-destructive inspections of rotor bores.

- by performing bore surface inspections utilizing either Magnetic Particle or Eddy Current methods. Eddy Current inspection of the bore surface can be performed in conjunction with the Ultrasonic inspection.

- with a TG engineering and technical staff, that has on average over 16 years experience. WesDyne personnel are the most knowledgeable and competent in the industry for non-destructive examinations on turbine-generator equipment, regardless of OEM.

A Powerful Part of Your Team
System Specifications

Rotor Bore Scanner

WesDyne’s Rotor Bore scanner is designed for the inspection of turbine or generator rotors. It has been successfully used for both in frame and out of frame inspections.

- **Rotor Length**: Up to 50 feet
- **Bore Diameter**: 2.4 to 24 inches
- **Search Units**: 6 UT and/or ET
- **Axial Position Resolution**: 0.001 inch
- **Axial Position Repeatability**: 0.010 inch
- **Circ. Position Resolution**: 0.010 degree circumferential
- **Circ. Position Repeatability**: 0.100 degree circumferential
- **Scan Speed**: 6 in/sec circumferential

PARAGON™ Data Acquisition System

Precise data acquisition techniques, combined with the signal recording and processing features of the WesDyne PARAGON™ system, permit accurate discrimination and characterization of flaws. Permanently stored data can be used for subsequent flaw evaluations and for future monitoring of subcritical flaws.

- **Operating System**: Microsoft Windows NT
- **CPU**: Dual 1 GHz Intel Pentium™
- **DRAM**: 1 Gbyte
- **Scan Rate**: Up to 6 inches per second
- **A/D Converter**: 12 bit, 125 MHz digitizer
- **Pulser/Receiver**: 16-channel