

## Navigator Scanner™

### Background

The Nuclear Energy Institute (NEI) guideline, NEI 09-14, Guideline for the Management of Underground Piping and Tank Integrity, specifies that inspections must be performed on buried pipe and tanks in contact with the soil at nuclear power plants. Based on the number of materials, systems and geometries that are involved in buried pipe applications and storage tanks, a variety of inspection techniques are applicable.

Westinghouse, through its subsidiary WesDyne International, offers the Navigator Scanner™ when the application calls for scanning excavated pipe and storage tanks. This scanner, connected to a data acquisition system, is designed to inspect most any type of material and terrain.

### Description

The Navigator Scanner is a trackless scanner with the ability to scan many carbon steel surfaces. Designed for easy installation, it is ready to go moments after being unpacked at a work site. It is ruggedly built, but also flexible enough to handle the rough terrain in real-world inspection environments.



Navigator Scanner

### The Navigator features:

- Steerable control technology with three-axis motion
- High-powered magnetic wheels and a flexible suspension
- Onboard reference reflector to perform calibration checks without retrieving the Navigator Scanner (Model LS only)
- Virtual or manual joystick

## Benefits

- Able to scan as large an area as cabling will allow
- Crawls into narrow spaces to perform inspections
- Moves and scans around obstacles
- Saves time and reduces labor costs due to minimal installation
- Is rugged, lightweight and portable

## Experience

The Navigator Scanner is routinely used to perform automated ultrasonic testing inspections in the oil, gas and nuclear industries.

*Navigator Scanner is a trademark or registered trademark of Westinghouse Electric Company LLC in the United States and may be registered in other countries throughout the world. All rights reserved. Unauthorized use is strictly prohibited.*

Westinghouse Electric Company  
1000 Westinghouse Drive  
Cranberry Township, PA 16066

[www.westinghousenuclear.com](http://www.westinghousenuclear.com)