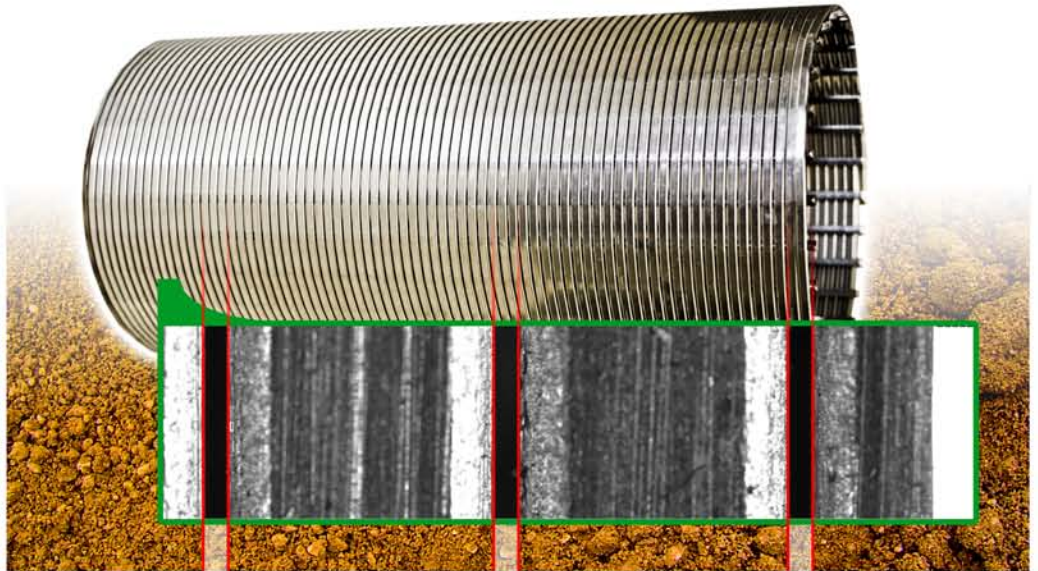


ARC-11 Sand Screen Inspection System

Turnkey Solutions Built Right

The ARC-11 Sand Screen Inspection System ensures precision and quality through a specially designed automated inspection process. The system rotates screen pipe on a series of motor driven pipe rollers as a TDI Line Scan Camera travels by carriage across the extent of the inspection area. Using 3 axes of motion and an intuitive operator interface, the system can move the camera closer to the screen, focus, and inspect up to 40 feet of screen pipe. The system collects, analyzes, and archives images simultaneously in one pass to maximize efficiency.



Features

- TDI Line Scan Camera scans 2 k by 2 k at 1.5 in/sec with 1 micron accuracy.
- Organized data logging saves in Excel compatible format, and stores images with full rapid indexing.
- Remote monitor and controls on camera carriage to make adjustments easy.
- Customized macros to display data in user specified format.

