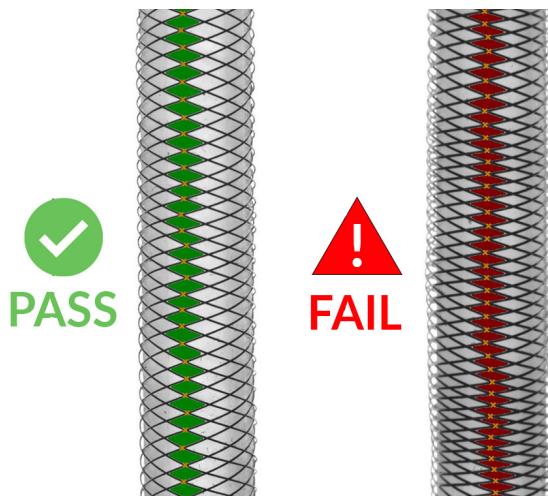


Braid Inspector

Braid Inspection for Industrial Braided Products

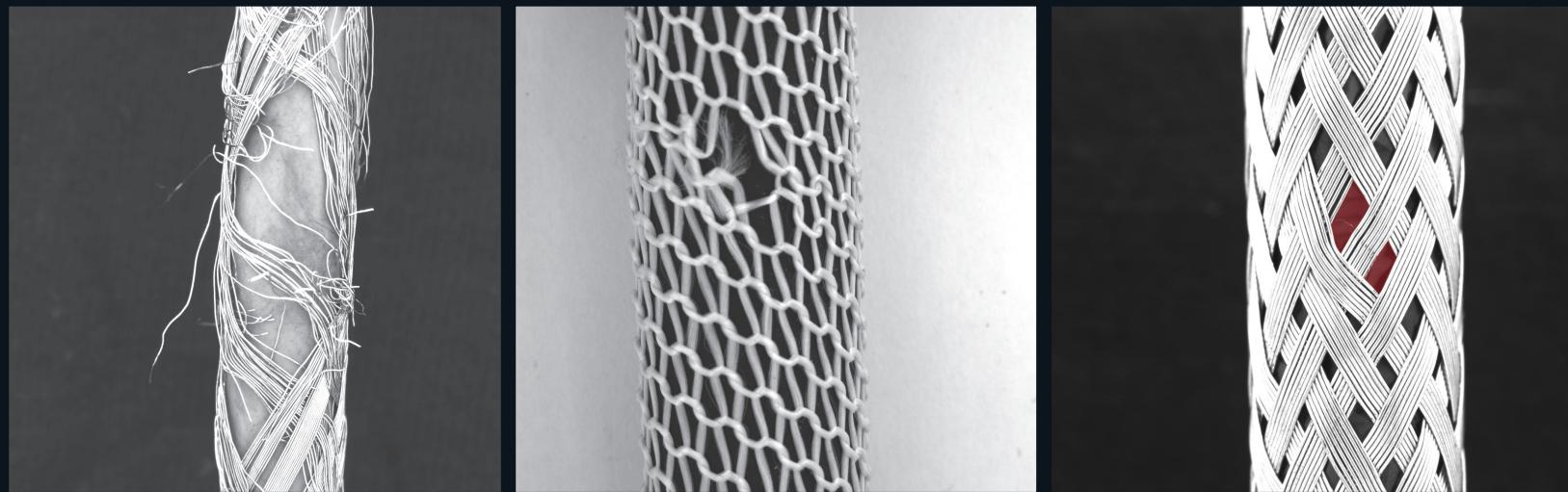


- The BX1100-i is a versatile inspection system designed to ensure the quality of braid coverage and PPI on industrial products such as shielded wires, pipes, and hoses. It plays a critical role in both automated production environments and quality control processes.
- The braid inspector uses custom-designed lighting, and digital imaging to enable real time inspection. The images are enhanced, magnified and displayed on a monitor to visually confirm the braid quality and to see any potential errors.
- The BX1100-i can be mounted inline on horizontal or vertical braiders for automatic inspection, or work offline as a tabletop unit for fast and easy inspection by the operator.



FEATURES

- Small footprint, simple set-up and easily handled by operators
- High resolution camera and custom-designed lighting system increases the accuracy of the braid inspection
- Digital images are captured and analyzed automatically by the software to give you results in real time
- Can be used in a continuous inline or offline configuration
- Capture system can be mounted inside a horizontal or vertical braider enclosure
- Can be integrated with the braider to control production and improve your process



SPECIFICATIONS

➤ Maximum Speed:

- 100 meters / minute
- 328 feet / minute

➤ PLC Integration:

Integrates with most models of PLC including Siemens and Allen-Bradley

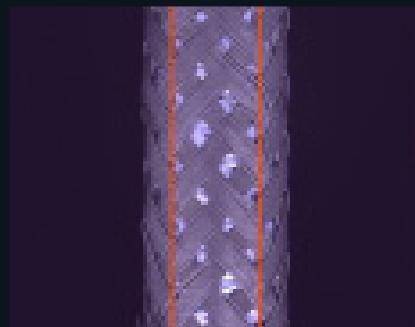
➤ Braid Types:

- Metal
- Polymer
- Fiber
- Single and multi wire bands
- Flat, ribbon-style wires
- Various braid patterns

➤ PPI and OD Range:

5-250 PPI, 0.010"-0.6' OD | 0.25-15mm OD

Additional PPI and OD ranges available upon request



➤ Capture Station Dimensions:

- 102 mm x 102 mm x 305 mm - L x W x H
- 4" x 4" x 12" - L x W x H

May vary based on application

➤ Mount:

- In horizontal braider
- In vertical braider
- In reel-to-reel system
- Offline tabletop



➤ Power:

- 110 VAC 50/60 Hz
- 220 VAC 50/60 Hz

➤ Lighting: LED

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