
Image Problems



Image quality is one of the most important aspects of your flexible endoscope. If the image is foggy or unclear the endoscope is difficult, or impossible, to use. There are many different types of image problems.

- Fluid invasion may cause a strain called “red crack”, which appears as faint lines on the image, resembling a spider web. Fluid in the distal tip can also cause the image to appear foggy.
- A yellowish color in the image is a result of X-ray transmissions.
- Dust in the distal tip is magnified and may obstruct the view.
- Dirty or scratched lenses may cause the light to scatter, distorting the image.

Some image problems are unique to fiber endoscopes or video endoscopes.

- Fiber endoscopes may have broken fibers, which appear as small black or gray dots in the image.
- Video endoscopes may have RGB dots, which appear as small colored dots on the monitor, indicating chip damage.

Keeping your endoscope clean and away from possible hazards and always maintaining internal pressure while leak testing, will help you to avoid image problems.