# High Purity Pipe Inspection

*XL Lv and XL Vu VideoProbe* Systems*

## Application Overview

High purity piping is used in a wide variety of applications such as pharmaceuticals, food and beverage, and semi-conductors. The cleanliness and weld integrity of this piping is critical, and often is driven by strict regulations and standards. During manufacturing, or building and commissioning of a new plant or process, 100% of the welds must be inspected to ensure they pass required quality and cleanliness criteria.

## Intuitive Operation and True Color Rendering

GE's Inspection Technologies portfolio of video borescopes can provide the right tool for your high purity piping inspections. General cleanliness as well as detailed weld inspections are easily accomplished through an intuitive operator interface and menu structure.

Through advanced signal processing and adjustable light output, the XL Lv and XL Vu systems provide superior image quality with true-to-life color rendering that is fundamental to ensuring accurate heat-affected zone color evaluation.

## Advanced Inspection Services

Based on your needs, you can purchase and operate GE's video borescopes or let our experienced technicians handle these details for you. GE offers a full range of advanced inspection services that can be tailored to fit your specific application requirements.

## Key Features/Advantages

- Superior image quality. What you see is what you get!
- Inverse+. Provides a photographic negative image for an enhanced view of weld porosity.
- Menu directed inspection (MDI). Allows for easy documentation of all images and fully automated report generation. Images can be saved as compressed bitmap or jpeg files to preserve data integrity.
- Application-specific optical lenses, probe lengths and diameters let you choose the size that fits your needs. GE also offers custom probes as needed.
- Stereo and comparison measurement is available on select models.
- Full suite of service offerings. Can provide the level of support that matches your needs.



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