



## XL Flex/XL Flex+

### Superior inspection imaging at a budget price

BHGE has introduced the world's first budget-friendly video borescopes that combine stereo measurement and high-clarity imaging with easy portability and use. Versatile BHGE XL Flex and XL Flex+ VideoProbes offer high-quality specifications at an affordable price. Key features include large, bright screens and a powerful light output, for clearer and more precise results, plus options of Menu Directed Inspection 2.0 and wireless data transmission.

Borescopes have become increasingly important tools in Remote Visual Inspection (RVI), which forms an essential part of a non-destructive testing (NDT) approach to monitoring assets. With a sufficiently capable borescope, you can inspect internal aspects of engines, turbines, combustion chambers, pipelines and other engineered structures without having to dismantle them.

The latest BHGE borescopes are especially useful if you work in industries like oil and gas, power generation, food and beverage, pharmaceutical, manufacturing, automotive or aerospace. To assess the condition of components, welds and material surfaces, your borescope must produce sharp, well-lit video and still images and enable high-precision measurements. By meeting these criteria, BHGE XL Flex and XL Flex+ increase your probability of detection (POD) for pitting, cracking, corrosion and similar defects.

**Another BHGE World First**  
**Mid-range borescopes offering powerful, accurate,**  
**stereo capabilities.**



## Better Images and Information Right in Your Hands

The image quality of the XL Flex and XL Flex+ is excellent, with a display resolution of 640 x 480 pixels. Both models benefit from unmatched strength of illumination in the inspection area, with a custom option of changeability between white and UV light. For the clearest visibility, XL Flex+ has an 85% larger LCD screen – 5.0 inches instead of 3.7 – which is also three times brighter. Clear displays not only enhance your POD but make interfacing faster and easier to navigate, reducing eyestrain during extended inspections.

The optional stereo measurement technology built into these borescopes is based on a patented prism design which captures right and left stereo images from slightly different perspectives. Matching of surface points in the right and left images enables accurate evaluation of defects in depth, so you can make better-informed decisions.

## Easy Inspecting and Reporting

Using one dual-function joystick, you can control a variety of standard and stereo optical tips with 360-degree all-way articulation. User aids include XpertSteer, bump gesture, menu access and navigation functionalities.

An intuitive application, Menu Directed Inspection (MDI) 2.0, is available as an option to guide you through the inspection process, step by step, making the VideoProbes simple for any user to operate. It helps you tag images automatically and organize your results for simplified reporting. XL Flex has 4 GB of internal flash memory, while XL Flex+ increases this to 16 GB – enough to store up to 15 MDI 2.0 templates.

Connections and file transfers are facilitated by two USB ports and a VGA (video graphics array) output. By purchasing a Toshiba FlashAir memory card with embedded wireless LAN (local area network) connectivity, you have the option of transferring files wirelessly.



## Portability, Convenience and Rugged Design

Weighing just 4.3 pounds, your GE XL Flex and XL Flex+ VideoProbe comes in a lightweight, wheeled, carry-on case which you can comfortably transport anywhere. This case features an integrated insertion tube storage reel and has convenient pockets for accessories.

Probe lengths of 2.0, 3.0, 3.5 and 4.5 meters are available with a minimum 160-degree tip deflection. For 6.0 meter probes this reduces to a minimum of 140 degrees and for 8.0 or 10.0 meters the minimum is 120 degrees. Custom lengths are available on request. Standard batteries give 2 hours of runtime, but you can upgrade to batteries with 4 hours of runtime. Both batteries can be changed without the use of tools.

Although light and compact enough to handle in any situation, XL Flex and XL Flex+ are constructed to withstand the toughest environments. They are sealed against dust and water to IP55 (Flex) or IP65 (Flex+) standard. They are even tested to US military standards MIL-STD-810G and MIL-STD-461F for durability. Their ruggedness minimizes maintenance costs, for a lower total cost of ownership.



## Improved Uptime and Efficiency

Visual inspection is an essential proactive defense against unexpected equipment failure, which can lead to costly downtime and damage. To avoid missing defects during inspections, you need a borescope that gives high image quality. This also prevents the need to dismantle machinery for examination due to poor visibility.

Along with the downtime, consider the time it takes you to carry out inspections. This may impact a machine's availability for production and it certainly affects your own productivity. With efficient, user-friendly borescopes like the XL Flex and XL Flex+, you will see what you need to see more quickly and obtain more accurate results. You will be able to make better, well-informed decisions with greater confidence.

**Berg Engineering & Sales, Company Inc.**  
3893 Industrial Ave. Rolling Meadows, IL 60008  
[www.bergeng.com](http://www.bergeng.com)  
[info@bergeng.com](mailto:info@bergeng.com)  
1-847-577-3980

**BAKER  
HUGHES**  
a GE company



Channel Partner



## Comprehensive Support

With such clear efficiency, uptime and cost benefits, think about taking this opportunity to upgrade from legacy systems like XL G3, XL Go, XL Vu and XL LV. You can buy or rent a BHGE XL Flex or XL Flex+ VideoProbe now from the specialists at Berg Engineering and Sales Company, Inc.

Berg has been serving engineering industries since 1969. Its sales and comprehensive service support in the NDT, material testing and electrical testing equipment sectors is highly valued. Through world-leading inspection solutions, a large rental fleet and great service, the company has built and maintained strong customer relationships.

Factory-trained and certified by BHGE, Berg's technical staff offer you a range of on-site training, preventative maintenance and free guidance.

When you choose XL Flex or XL Flex+, BHGE's global support will also give you peace of mind. BHGE borescope inspection experts are available on demand, anywhere, at any time, to answer your questions and ensure your valuable assets are protected.

**For further information click below.**

[Click here](#)

**Berg Engineering & Sales, Company Inc.**  
3893 Industrial Ave. Rolling Meadows, IL 60008  
www.bergeng.com  
info@bergeng.com  
1-847-577-3980

**BAKER  
HUGHES**  
a GE company



Channel Partner