

**GBS1000 and GBS1001  
Portable Fiber Optic  
Video Bore Scope Inspection System**



**Fiber optic video bore scope inspection system for MIL-DTL-38999 and other small form-factor connectors such as SC, LC, ST and FC**



- **Field/Bench Use System Includes Video Display Unit, Inspection Camera and Standard 2.5 mm & 1.25 mm Patchcord Inspection Tips**
- **Tips available Use with all Common F/O Connector Types: SC, LC, ST, and FC plus MIL-DTL-38999 and Small Form Factor Connectors**
- **200X and 400X Magnification**
- **Built-in NiMH Rechargeable Battery with Automatic Shut-off Function**
- **Rugged Watertight Case**

**Glenair Video Inspection System Provides The Ultimate Solution to Field Maintenance of Fiber Optic Systems**

Dirty or contaminated fiber optic termini can seriously degrade the performance of a fiber optic system. But inspecting individual contacts in complex connector devices such as bulkhead feed-throughs and multi-channel Mil-Spec connectors can be a difficult and time-consuming task. The Glenair video inspection system supplies everything you need to quickly and conveniently inspect and clean butt-jointed fiber optic contacts. Optional add-ons enable turnkey integration with computer desktops, digital cameras and powerful optical test software.

**How To Order**

**GBS1000**

**Basic Part Number Includes:**

- *Handheld Inspection Monitor*
- *Inspection Probe (200x & 400x)*
- *4 tips*
- *Portable Ruggedized Carrying Case*
- *Glenair Swabs*

**Comes with 4 tips:**

- GIT-018 SC bulkhead*
- GIT-011 LC bulkhead*
- GIT-003 Universal 1.25mm patch cord*
- GIT-002 Universal 2.5mm patch cord*





## GBS1000 and GBS1001 Portable Fiber Optic Video Bore Scope Inspection System

Glenair's handheld Bore Scope is a small, lightweight video microscope used to examine fiber optic end-faces. The GBS1000 displays a clear and concise live image with the ability to view fibers at either 200x or 400x magnifications.

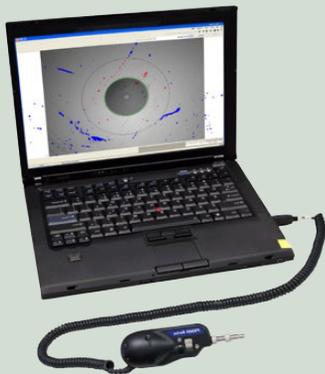
The Quick Capture GBS1000-U USB Module can be added to the GBS1000. This valuable item allows the user to inspect and capture fiber end-faces on your PC. Works great with Fiber Chek software to inspect, test and capture images. To order separately, use part number GMP-002.

The dual magnification mode inherent in all Fiber Chek Pro platforms provides a large, easily centered image during handheld focusing. This greatly simplifies your ability to achieve a quality image. A high-magnification image is acquired, analyzed, and graded. FiberChek Pro software can analyze several zones of the fiber end-face.

GBS1000 Specifications	
Dimensions	1.8" W x 1.7" H x 5.5" L
Weight	4.08 oz / 115.6 gms
Video Output	NTSC or PAL
Light Source	Blue LED 1000,000+ hour life
Lighting Technique	Coaxial
Attenuation Filter	2 mm thick Schott KG1
Camera type	.33" CCD

GBS1001 Specifications	
Weight	.11 Kg / .25 lb
Resolution	Better than 1.5 Microns
Cable	Integrated USB 2.0 coil cable 2.5' relaxed, 10.5' fully extended
Certification	CE
Warranty	1 year

### GBS1001 Inspection Probe with USB Adapter and FiberChek Pro Software



#### How To Order

### GBS1001

#### Basic Part Number Includes:

- Inspection probe with USB adapter
- 2 tips
- Fiber Chek 2 Software

**Comes with 2 tips**  
(installed on the probe):  
GIT-003 Universal 1.25mm patch cord  
GIT-002 Universal 2.5mm patch cord

The GBS1001 is the only inspection probe today with a high resolution, all digital sensor and USB2 video stream which delivers high-resolution uncompressed images directly to your personal computer or cell phone with proper app installed.

### FiberChek Pro Software Fiber Optic Analysis Program

FiberChek Pro is an integrated hardware/software package engineered with the single purpose of critically and consistently grading fiber end-faces. Works hand in hand with the Quick Capture Analog Probe for visual inspection, taking pictures and testing fibers.

- Automatic debris and defect detection, including fine scratches
- Measures epoxy ring for out-of-tolerance conditions
- Inspection results, including image data, can be printed or archived
- Utilizes industry standards or user defined threshold settings