

## Video Fiber Viewer

### Compact Microscope for Fiber Inspection

### Features



Model 800-G128K9



Prior Scientific, a world leader in the manufacture of optical instrumentation for the inspection of terminated fibers, has developed an all-new Video Fiber Viewer. This latest quality product from Prior incorporates the many features required in today's high growth manufacturing and inspection environments.

- Crisp, clear image provided by a high quality long working distance glass achromatic objective permits operators to make accurate, quality decisions.
- Patented, oversize centering mechanism accepts Prior's full range of over 50 connector adapters. It also permits the viewing of the complete ferrule end face.
- Focus knob provides smooth and precise control of image focus
- Integral high resolution video camera in NTSC or PAL compatible outputs permits the use of Prior's standard monitors or your own video monitor.
- The long life LED illumination assures problem free operation and a maintenance free life.
- Video Fiber Viewers may be configured side by side for different objectives using a single monitor.
- Prior Scientific also manufactures Compact and Rack Mounted Video Fiber Viewers which are ideal for facilities with limited bench space.
- All Video Fiber Viewer models are easily portable for use in remote locations.

## General Specifications Ordering Guide

<b>Weight</b>	2.8 lbs. (1.3 kg.)
<b>Dimensions</b>	2.5 x 3 x 7 inches (64mm x 76mm x 178mm)
<b>Power</b>	12 volts DC external transformer (included) for 110-240 volts AC, 50/60 Hz., 1.5 Watts input power
<b>Output</b>	NTSC or PAL video signal via BNC connector

### Systems (includes Viewer, power supply, monitor and video cables)\*

800-G1281K9	Video Fiber Viewer with 9" Monitor 10X Achromatic Objective
800-G1282K9	Video Fiber Viewer with 9" Monitor 20X Achromatic Objective
800-G1281K12	Video Fiber Viewer with 12" Monitor 10X Achromatic Objective
800-G1282K12	Video Fiber Viewer with 12" Monitor 20X Achromatic Objective

### Components

800-G128X10	Video Fiber Viewer with a 10X Achromatic Objective and a power supply
800-G128X20	Video Fiber Viewer with a 20X Achromatic Objective and a power supply
150-BWM09	Black and White Monitor, 9 Inch
150-BWM12	Black and White Monitor, 12 Inch
150-CM1300	Color Monitor, 13 Inch
150-BNC26	BNC/BNC Cable, 6 Foot

\*Adapter required

## Connector Adapters



Over 50 types of connector adapters are available enabling virtually any fiber end to be examined. Adapters are snapped into the patented centering mechanism allowing for precise locating of the ferrule end. Standard adapters include:

800-G999	2.5mm Universal	800-G996	MPO, MTP
800-G998	2.5mm Universal/APC	800-G997	MT/RJ
800-G995	1.25mm Universal (LC, MU)	800-G993	MPX

## Compact Video Fiber Viewer

- Compact size - dimensions: 3.7"x4"x 2" (94mm x 102mm x 53mm)
- Eyebolt for securing and carrying
- Industry standard 1/4 20 mount built in for various attachments (eg: gooseneck, tripod)



Model 800-G329

## Rack Mounted Video Fiber Viewer

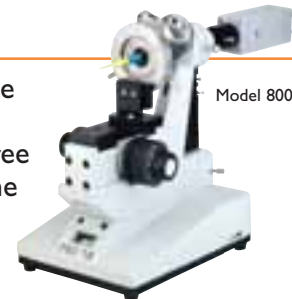
- Compact size - dimensions: 4.8"x7.1"x3.2" (123mm x 181mm x 81mm)
- Flat panel mountable
- Large thumbwheel focus
- Optional 19" rack mount plate available (shown in photo)



Model 800-G207

## Also Available from Prior Scientific

For the most demanding inspections, Prior G130 Bench Fiber Microscope provides the best resolution and clearest images of any fiber inspection instrument available. It is designed specifically for fiber endface inspection. The G130 offers the versatility of three magnifications, adjustable illumination, a patented adapter centering mechanism, and the high performance that is required in critical inspection areas. For more information contact Prior Scientific.



Model 800-G130S

## Video Fiber Viewer

### Compact Microscope for Fiber Inspection

# PRIOR

Scientific

PRIOR SCIENTIFIC INSTRUMENTS LIMITED,  
UNIT 4, WILBRAHAM ROAD, FULBOURN, CAMBRIDGE CB1 5ET  
TELEPHONE 01223 881711 FAX 01223 881710

PRIOR SCIENTIFIC INC.,  
80 RESERVOIR PARK DRIVE, ROCKLAND, MA 02370-1062  
TELEPHONE 781-878-8442 FAX 781-878-8736

## VISIT PRIOR ON THE WEB AT [www.prior.com](http://www.prior.com)

Specifications subject to change without notice.