

# GVIS300C

## Automated Fiber Test Platform

Video Inspection Scope, Optical Power Meter, and VFL



The new GVIS300C hand-held, all-in-one system effectively verifies fiber connections with accurate and repeatable test results.

### Benefits

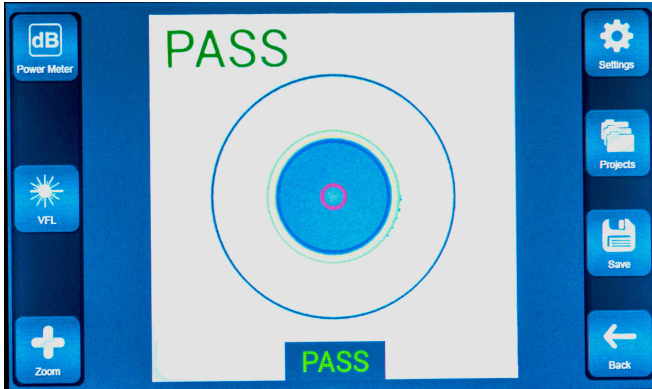
- Quickly inspect, test and troubleshoot
- Obtain PASS/FAIL results at the touch of a button
- Share closeout reports via Wi-Fi<sup>®</sup>.
- Compact and portable featuring a durable neck strap

### Features

- Automated image centering and analysis to meet IEC61300-3-35 standards
- Onboard OPM with many standard calibrated wavelengths
- 635nm red laser VFL for troubleshooting and continuity testing

## Auto PASS/FAIL Analysis

Greenlee® Communication's integrated analysis algorithm profiles allow users to see exactly how and why a fiber endface is acceptable or unacceptable. Simply choose a fiber type, press "Analyze," and let GVIS300C grade the fiber endface to meet IEC 61300-3-35 specifications.



## Onboard OPM

Save power meter readings directly to the GVIS300C. Loss and power results appear in a simple list which mirrors the format of the final report. Red and green guides indicate PASS/FAIL parameters for saved readings.



## GVIS Visual Fault Location

An onboard 635nm red laser VFL provides a quick troubleshooting tool for determining fiber routing and viability. A 2Hz modulation mode keeps the red laser visible, even in dense patch panels.



## Close Reports

Create full closeout reports at the touch of a button. Reports are sent directly from the GVIS300C to an associated email or cloud storage account via Wi-Fi®.



Data Manager Report

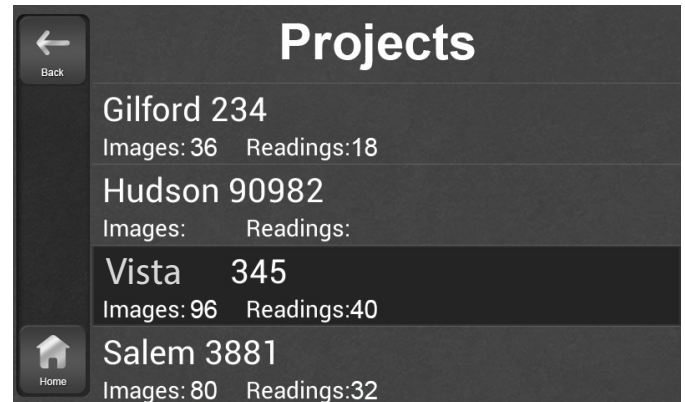
Customer Company	Contact Name	Testing Company	Tester's Name
Greenlee	DMT	AAA Testing	John Doe
Test Location	Report Date	Comments	
Harrisburg	01-01-2000_12-10-37		

AR1A	AR1B	AR2A	AR2B	AR3A
AR3B	AR4A	AR4B	AR5A	AR5B

## Image and Measurement Storage

Create, edit, and export project folders containing fiber images and OPM measurements. The GVIS300C has enough storage capacity to hold up to 25,000 images and thousands more readings in low-memory formats.



Wi-Fi® is a registered trademark of the Wi-Fi Alliance.

# Specifications

MONITOR SYSTEM	
Screen	5" Multi-touch LCD
Storage	8GB (30,000 images)
Battery	Lithium ion
Battery Life	4-5 hours continuous
Battery Charge Time	2 hours
Size	5.5" x 5.75" x 2.25"
Weight	1.8 lb
Operating Temperature	0° to 50° C
Storage Temperature	-40° to 70° C

INSPECTION SCOPE PROBE	
FOV	860µm x 640µm
Resolution	< 1 micron
Lighting Technique	Coaxial
Size	7" x 1" x .75"
Weight	0.35 lb
Connector	USB 2.0 Type A
Tip Style	Interchangeable

POWER METER (OPTIONAL)	
Wavelength Range	850nm to 1625nm
Calibrated Wavelengths	850/1300/1310/1490/1550/1610/1625
Measurement Range	-02: +6 to -60 dBm -04: +23 to -45 dBm
Resolution	0.01 dB
Detector Type	-02: InGaAs -04: Filtered InGaAs
Optical Interface	2.5mm Universal (Adapters Available)

VISUAL FAULT LOCATOR (OPTIONAL)	
Wavelength	635nm
Output Power	1mW - FDA 2/IEC 2
Power Toggle	Onscreen Button



# Ordering Information



PART NUMBER	FEATURES	NOTES	DESCRIPTION
GVIS300C	Base Model - Inspection Only	Power Meter and VFL Disabled	Inspection probe and monitor with automated analysis software, onboard storage, report creation, and Wi-Fi® data transfer. 1.25mm, 2.5mm, LC, and SC inspection tips included.
GVIS300C-02-V	Inspection, Power Meter, and VFL	"-02" indicates InGaAs detector in power meter. Measurement range of Ge detector is +6 to -60 dBm	Inspection probe and monitor with automated analysis software, onboard storage, report creation, and Wi-Fi® data transfer. Onboard power meter (InGaAs detector) and VFL added. 1.25mm, 2.5mm, LC, and SC inspection tips included.
GVIS300C-04-V	Inspection, High-Power OPM, and VFL	"-04" indicates Filtered InGaAs detector in power meter. Measurement range of Filtered InGaAs detector is +23 to -45 dBm	Inspection probe and monitor with automated analysis software, onboard storage, report creation, and Wi-Fi® data transfer. Onboard power meter (Filtered InGaAs detector) and VFL added. 1.25mm, 2.5mm, LC, and SC inspection tips included.

## Inspection Tip Adapters

CAT NO.	UPC NO.	DESCRIPTION
GAC 034B	03180	E2000 Adapter GVIS (Bulkhead)
GAC 040B	03181	SC Adapter GVIS (Bulkhead)
GAC 041B	03182	SC/APC Adapter GVIS (Bulkhead)
GAC 042B	03183	FC Adapter GVIS (Bulkhead)
GAC 043B	03184	FC/APC Adapter GVIS (Bulkhead)
GAC 044B	03187	LC Adapter GVIS (Bulkhead)
GAC 045B	03188	LC/APC Adapter GVIS (Bulkhead)
GAC 046B	03189	ST Adapter GVIS (Bulkhead)
GAC 047B	03192	MTP/APC Adapter GVIS (Bulkhead)
GAC 048B	03190	1.25mm Universal UPC Adapter GVIS (Ferrule)
GAC 049B	03191	2.5mm Universal UPC Adapter GVIS (Ferrule)
GAC 050B	03193	MTP Straight Adapter GVIS
GAC104B	03199	FC/UPC Adapter, 60-Degree Angled GVIS (Bulkhead)
GAC107B	03200	SC/UPC Adapter, 60-Degree Angled GVIS (Bulkhead)
GAC 109B	03202	LC/UPC Adapter, 60-Degree Angle GVIS (Bulkhead)
GAC 052B	18964	OptiTap SC/APC Adapter Cable (1')
GAC 115B	20509	2.5mm Universal APC Adapter
GAC 116B	20516	1.25 Universal APC Adapter

## Optical Power Meter Adapter

CAT NO.	UPC NO.	DESCRIPTION
GAC 020	00525	2.5mm Universal Adapter
GAC 021	00526	1.25mm Universal Adapter
GAC 026	00531	SC/UPC Adapter for OPM
GAC 126	02046	SC/APC Adapter for OPM
GAC 027	00532	ST Adapter for OPM
GAC 028	00533	FC Adapter for OPM
GAC 029	00534	LC Adapter for OPM
GAC 540	02038	Optitap® Compatible Patchcord (SC/APC)

## Cleaning Tools

CAT NO.	UPC NO.	DESCRIPTION
FCP-2.5	03576	2.5mm Cleaning Pen
FCP-1.25	03577	1.25mm Cleaning Pen

## Patch Cord Accessories

CAT NO.	UPC NO.	DESCRIPTION
SCUPC-SCUPC	03251	SC/UPC TO SC/UPC CABLE L=1m
SCAPC-SCAPC	03278	SC/APC to SC/APC Cable L=1m
SCUPC-SCAPC	03280	SC/UPC to SC/APC Cable L=1m
SCUPC-LCAPC	03282	SC/UPC to LC/APC Cable L=1m
SCUPC-LCUPC	03285	SC/UPC to LC/UPC Cable L=1m
SCAPC-LCAPC	03286	SC/APC to LC/APC Cable L=1m
SCAPC-LCUPC	03288	SC/APC to LC/UPC Cable L=1m

If you have questions, please contact us!

### Customer Service

Email: [csccommunications@greenlee.textron.com](mailto:csccommunications@greenlee.textron.com)  
 Phone: 1 800-642-2155 Option 1, then Option 1 for Customer Service  
 Fax: 1 760-598-5634

### Technical Support

Email: [communicationstechsupport@greenlee.textron.com](mailto:communicationstechsupport@greenlee.textron.com)  
 Phone: 1 800-642-2155 Option 1, then Option 2 for Technical Support



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