

VIS 300C

Automated Fiber Test Platform

Inspection Scope, Optical Power Meter & VFL

The VIS 300C from ODM provides handheld, all-in-one fiber testing for field and lab applications. The system brings together the most effective methods for verifying fiber connections to yield simple and consistent test results.

The VIS 300C platform streamlines fiber testing processes through an easy data recording and reporting system. Its 5" touchscreen interface allows users to quickly switch between inspecting fiber endfaces, testing with an optical power meter, and troubleshooting via an onboard VFL.

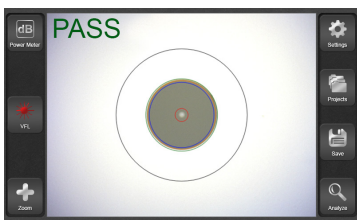
Test results are compiled in project folders that are immediately synthesized into closeout reports at the touch of a button. The integrated Wi-Fi capability allows users to send reports directly to customer inboxes or cloud storage folders.

The VIS 300C is portable, so technicians can carry ODM's trusted test equipment wherever they go. It is ideal for testing fiber on a cell tower or in a laboratory to deliver exceptional results every time.



Features

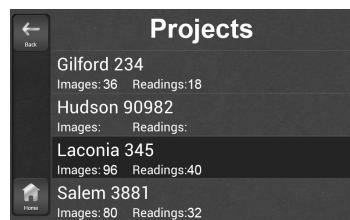
- Automated image centering and analysis compliant with IEC 61300-3-35 standards
- Onboard OPM with various standard calibrated wavelengths
- 635 nm red laser VFL for troubleshooting and continuity testing
- Expansive storage space for up to 25,000 project folders, images, and power meter readings
- Instant report creation with user-defined parameters
- Test result sharing via WiFi or a USB cable to PC connection



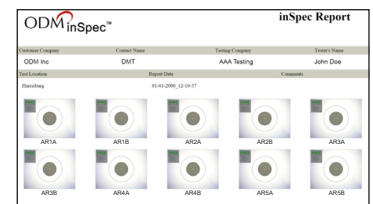
Obtain color-coded PASS/FAIL results at the touch of a button and easily configure IEC profiles for inspection of many different fiber types.



Optional onboard OPM and VFL provide additional testing options for technicians looking for an all-in-one fiber testing solution.



Quickly customize and export project folders containing thousands of fiber images and OPM measurements.



Create closeout reports & share via WiFi. All reports are condensed into small files to maximize storage and simplify file sharing.

Specifications

| MONITOR / SYSTEM | |
|-----------------------|-------------------------|
| Screen | 5" Multi-Touch LCD |
| Storage | 16 GB (30,000 Images) |
| Battery | Lithium Ion |
| Battery Life | 4 to 5 Hours Continuous |
| Battery Charge Time | 2 Hours |
| Dimensions | 5.5" x 5.75" x 2.25" |
| Weight | 1.8 lb |
| Operating Temperature | 0° to 50° C |
| Storage Temperature | -40° to 70° C |

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

| INSPECTION SCOPE PROBE | |
|------------------------|-----------------|
| FOV (Field of View) | 860µm x 640 µm |
| Resolution | < 1 Micron |
| Lighting Technique | Coaxial |
| Size | 7" x 1" x 0.75" |
| Weight | 0.35 lb |
| Connector | USB 2.0 Type A |
| Tip Style | Interchangeable |

| POWER METER (OPTIONAL) | |
|------------------------|---|
| Wavelength Range | 850 nm to 1625 nm |
| Calibrated Wavelengths | 850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625 |
| Measurement Range | -02: +6 to -70 dBm -04: +23 to -45 dBm |
| Resolution | 0.01 dB |
| Results Displayed | dB/dBm |
| Detector Type | -02: InGaAs -04: Filtered InGaAs |
| Optical Interface | 2.5 mm Universal (Adapters Available) |

Ordering Information

| PART NO. | FEATURES | NOTES | DESCRIPTION |
|------------------|----------------------------------|--|---|
| VIS 300C | Base model - Inspection Only | Power Meter and VFL Disabled | Inspection probe and monitor with automated analysis software, onboard storage, report creation & Wi-Fi data transfer. 1.25mm, 2.5mm, LC & SC inspection tips included. |
| VIS 300C-PM-02-V | Inspection, Power Meter & VFL | "-02" indicates InGaAs detector in power meter. Measurement range of InGaAs detector is +6 to -70 dBm | Inspection probe and monitor with automated analysis software, onboard storage, report creation & Wi-Fi data transfer. Onboard power meter (InGaAs detector) and VFL added. 1.25mm, 2.5mm, LC & SC inspection tips included. |
| VIS 300C-PM-04-V | Inspection, High-Power OPM & 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 & Wi-Fi data transfer. Onboard power meter (Filtered InGaAs detector) and VFL added. 1.25mm, 2.5mm, LC & SC inspection tips included. |

Inspection Tip Adapters

| PART NO. | DESCRIPTION |
|----------|------------------------------|
| AC 040B | SC Adapter |
| AC 041B | SC / APC Adapter |
| AC 109B | SC 60-Degree Angle Adapter |
| AC 042B | FC Adapter |
| AC 043B | FC/APC Adapter |
| AC 104B | FC, 60° Angle Adapter |
| AC 044B | LC Adapter |
| AC 045B | LC/APC Adapter |
| AC 107B | LC, 60° Angle Adapter |
| AC 051B | OptiTap Adapter |
| AC 046B | ST Adapter |
| AC 047B | MTP/APC Adapter |
| AC 050B | MTP/MPO Straight Adapter |
| AC 048B | 1.25mm Universal Adapter |
| AC 049B | 2.5mm Universal Adapter |
| AC 114B | 1.25mm Universal HR Adapter |
| AC 115B | 2.5mm Universal APC Adapter |
| AC 116B | 1.25mm Universal APC Adapter |

Power Meter Adapters

| PART NO. | DESCRIPTION |
|----------|--|
| AC 020 | 2.5 mm Universal Adapter |
| AC 021 | 1.25 mm Universal Adapter |
| AC 026 | SC Adapter for Optical Power Meter |
| AC 027 | ST Adapter for Optical Power Meter |
| AC 028 | FC Adapter for Optical Power Meter |
| AC 029 | LC Adapter for Optical Power Meter |
| AC 126 | SC/APC Adapter for Optical Power Meter |

Patch Cord Accessories

| PART NO. | DESCRIPTION |
|----------|--------------------------------|
| AC 500 | SM SC-LC - 1m Simplex |
| AC 501 | SM SC-SC - 1m Simplex |
| AC 502 | SM LC-LC - 1m Simplex |
| AC 550 | MM SC-LC - 1m Simplex |
| AC 552 | MM LC-LC - 1m Simplex |
| AC 600 | SC-SC Simplex Bulkhead Adapter |
| AC 601 | LC-LC Simplex Bulkhead Adapter |
| AC 602 | LC-LC Duplex Bulkhead Adapter |

Cleaning Tools

| PART NO. | DESCRIPTION |
|----------|---|
| AC 089 | One-Click Cleaner for 1.25mm & ODC Ferrules / Bulkheads |
| AC 099 | One-Click Cleaner for 2.5mm Ferrules / Bulkheads |
| AC 090 | 1.25mm Swabs (100 per Pack) |
| AC 091 | 2.5mm Swabs (100 per Pack) |
| AC 092 | SqR Pad & Fiber Wash Pen |
| AC 190 | CletoP Cleaner - Type B - Blue Tape |

FTTA Test Kit

| PART NO. | DESCRIPTION |
|----------|---|
| TTK 720 | Full inspection, cleaning & test kit for SM fiber installations. Contains VIS 300C-PM-02, DLS 355, cleaning tools & patch cords. Performs automated inspection on all fiber types, dB loss testing on SM paired fiber, fault location & full dry and wet/dry cleaning procedures. |

M-DS018-20 VIS 300C

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