

VIS 400

High-Definition Inspection Scope Automated Fiber Inspection in inSpec Software

The VIS 400 inspection scope allows test technicians to inspect and grade fiber endfaces by offering the most detailed image possible. When used in conjunction with ODM's proprietary InSpec software the VIS 400 ensures compliance with the IEC 61300-3-35 standard.

ODM's software grades fiber ends based on the four critical zones outlined in the industry standard. The VIS 400's high-definition camera allows the software to distinguish defects as small as one micron, eliminating guesswork when determining endface acceptability.

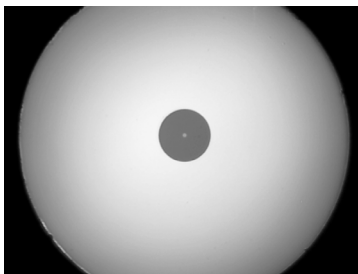
The VIS 400 provides a high-definition image with a 860µm x 640µm field of view, allowing technicians to see debris outside IEC specified zones. Debris on the periphery of the fiber end should be cleaned to avoid migration during connector mating. This procedure allows technicians to ensure connectors are completely clean for the most reliable optical link.

An analysis button on the body and ODM's proprietary external focus mechanism are two major time-saving features of this probe; the technician does not need to remove their hand from the unit when testing.



Features

- Automated image centering and analysis compliant with IEC 61300-3-35 standards
- Hardware button initiates PASS/FAIL analysis
- Unique external focus mechanism
- High-definition, large field-of-view image
- Quick-change adapter tips for all connector styles
- Plug-and-play functionality with Windows devices running ODM's inSpec software



Large field-of-view (FOV) - see more of the connector endface to ensure perfect fiber connections every time.



ODM's inSpec software provides automated PASS/FAIL analysis of connector endfaces to meet international standards.



Interchangeable adapter tips provide inspection of many different connector types.



VIS 400 unit comes with 4 standard inspection tips and cleaning kit in a hard carry case.

Specifications

| 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 |

Ordering Information

VIS 400 is available as a standalone USB inspection scope (plug into Windows PC for inspection with inSpec™ software) or as part of the VIS 300C test platform.



| PART NO. | FEATURES | DESCRIPTION |
|------------------|----------------------------------|---|
| VIS 400-HDP | Probe Only | Inspection probe only (plug into Windows PC). 1.25mm, 2.5mm, LC & SC inspection tips included. |
| VIS 300C | Base model - Inspection Only | 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 | 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 | 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 | MPO/APC Adapter |
| AC 050B | 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 |

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. |

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