

# 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<sup>®</sup> 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.

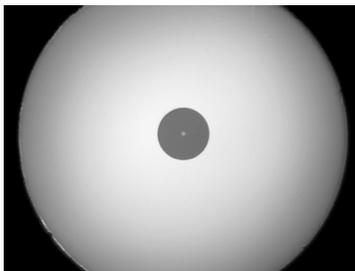
The VIS 400 provides a high-definition image with a 860µm x 640µm field of view, allowing technicians to see debris outside IEC specified zones. Debris on the periphery of the fiber end should be cleaned to avoid migration during connector mating. This procedure allows technicians to ensure connectors 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**<sup>®</sup> inSpec

ODM's inSpec<sup>®</sup> 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, on-board 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, on-board storage, report creation & Wi-Fi data transfer. On-board 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, on-board storage, report creation & Wi-Fi data transfer. On-board 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.

M-DS012-08 VIS 400

Ripley ODM® brand test equipment is furnished with a 2 year warranty extending from the original date of purchase. Contact Ripley Tools for information on recalibration and repair of test equipment. Ripley makes every effort to ensure that all information in this data sheet is accurate. Ripley Tools assumes no responsibility for any errors or omissions and reserves the right to modify this document at any time without notice. Please contact Ripley ODM® brand specialists for pricing and availability of equipment.

