

Features

Fiber Connector Inspection

- ▶ High-definition USB microscope
- ▶ Unique external focus system and enhanced magnification for clear images
- ▶ Interchangeable inspection tips

Wireless Image Transmission

- ▶ Portable Access Device
- ▶ Wireless 802.11 a/b/g/n Wi-Fi signal
- ▶ Transmits live image from inspection scope to smartphone or tablet

Closeout Report Software

- ▶ Inspect, grade, save, and send fiber endface images
- ▶ Comprehensive automated PASS/FAIL analysis compliant with IEC 61300-3-35 industry standard
- ▶ Completely free software available for Android and iOS devices



Description

ODM's Wi-Fi-enabled fiber imaging accessories allow technicians to view, analyze, and save images of fiber optic endfaces. A high-definition camera, wireless access point, and free software provide clear images streamed directly to wireless smartphones and tablets.

The VIS 400-HDP is ODM's newest inspection scope. It offers a 860x640µm field of view, allowing technicians to see and eliminate debris outside of the IEC-specified zones on the fiber endface. A complete, high-definition image ensures compliance with cleaning standards, which in turn results in reliable optical links.

The PA 250 Portable Access Device is a slim, lightweight unit that transmits images from the VIS 400 to smartphones and tablets via a 802.11 Wi-Fi connection. Devices up to 200 feet away from the PA 250 can connect to this hotspot to perform fiber imaging tests using inSpec Mobile.

The inSpec Mobile software acts as a platform for analyzing and saving fiber endface images for closeout reports. When wirelessly connected to a PA 250 transmitting endface images from a VIS 400 scope, inSpec Mobile offers automated PASS/FAIL readings according to the IEC 61300-3-35 industry standard. The touch-based user interface allows technicians to easily name, save, and send images for closeout reports.

Specifications



VIS 400 - HDP Visual Inspection Scope

Camera	Megapixel - High Definition - CMOS Sensor
Field of View	860 x 640µm
Resolution	<1 micron
Lighting Technique	LED, Coaxial
Focus System`	ODM Proprietary External Focus System
Focus Range	2mm Travel
Nominal Magnification	200-400x
Probe Output	USB 2.0 (Male)
PASS/FAIL Analysis	User-Selectable or Automatic to IEC 61300-3-35
Size	Probe - 7"x1"x.75" (180mm x 25mm x 19mm)
Weight (probe, case, and tips)	1.2 lbs (.54kg)

PA 250 Portable Access Device

Dimensions	4.5"L x 1.5"W x 2.75"H
Weight	.5 lbs
Wireless Device Connections	Up to 5
Inspection Scope Connector	USB 2.0 (Female)
Wi-Fi Connectivity	802.11 abgn Wi-Fi Access Point
Battery	11.1 Volt Lithium Ion, 4-Hour Battery Life
Battery Charger	AC Wall Pack 12.6 Volt Lithium Ion Charger
Communication Distance	200 Feet (PA 250 to Wireless Device)



inSpec Mobile Software

Image Resolution	640 x 480
Inspection Time	5 Seconds
Auto PASS/FAIL	IEC 61300-3-35 (User-Specified)
Automatic Detection Capability	1 micron Particles and Scratches
Operating System	Android and iOS
Image Storage	Onboard Storage/SD Card
Closeout Reporting	Email, Text, or Cloud Storage



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