All-In-One Inspection Sets

VIS 300C-PM [TOOL CASE INCLUDED] [WiFi]
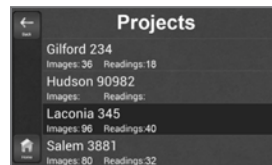#### Automated Fiber Test Platform

- Interactive 5″ (12.7 cm) multi-touch LCD display
- Instant report creation with user-defined parameters
- Test result sharing via WiFi or USB cable to PC connection
- Portable testing device with inspection scope & built-in optical power meter & visual fault locator
- Automated image centering & analysis compliant with IEC 61300-3-35 industry standards
- Expansive 16 GB storage space for up to 25,000 project folders, images & power meter readings

Obtain color-coded PASS/FAIL results & easily configure IEC profiles for inspecting many different fiber types.

Optional on-board OPM & VFL provide added capabilities for technicians seeking an all-in-one testing solution.

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

Create closeout reports & share files via WiFi. Reports are condensed to maximize space & simplify sharing.

VIS PART #		VIS 300C-PM-02-V	VIS 300C-PM-04-V
POWER METER	MEASUREMENT RANGE	+6 to -70 dBm	+23 to -45 dBm
	DETECTOR TYPE	InGaAs	Filtered InGaAs
	WAVELENGTHS (nm)	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625	
	RESOLUTION	0.01 dB	
	OPTICAL INTERFACE	2.5 mm Universal (Adapters Available)	
VFL	WAVELENGTH	635 nm	
	OUTPUT POWER	1 mW - FDA 2 / IEC 2	
INSPECTION SCOPE	ANALYSIS TYPE	Manual / Automated	
	FIELD OF VIEW (FOV)	860 µm x 640 µm	
	RESOLUTION	< 1 µm	
	LIGHTING TECHNIQUE	Coaxial	
	INCLUDED ADAPTERS	1.25 / 2.5 mm Universal, LC / SC Bulkhead	

Complete Testing Kits

TTK 210 [TOOL CASE INCLUDED]
Basic Trace & Tone Kit

- Detachable assembly conveniently combines optical power meter with live fiber identifier
- Fits 250 µm bare fiber to 3 mm jacketed fiber
- NIST traceable measurements
- Set reference / zero functionality
- Single mode or multi-mode testing
- Kit includes hard carry case & SC to SC patch cord

TTK PART #		TTK 210
POWER METER	MEASUREMENT RANGE	+6 to -70 dBm or +23 to -45 dBm
	DETECTOR TYPE	InGaAs or Filtered InGaAs
	WAVELENGTHS (nm)	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625
	RESOLUTION	0.01 dB
	ABSOLUTE ACCURACY	± 0.25 dB
	OPTICAL INTERFACE	2.5 mm Universal (Adapters Available)
FIBER IDENT.	FIBER IDENTIFIER MODEL	LFI 110 (May Be Purchased Separately)
	NETWORK CONFIG.	Single Mode Long Haul, CO to CO or FTTX
	INDUCED LOSS (SMF 28)	< 1.5 dB @ 1550 nm
	ABSOLUTE CORE ACCURACY (SMF28e)	± 2 dB Within Measurement Range
MISC	DISPLAY SCREEN	Built-In LCD
	TONE IDENTIFICATION	2 kHz Incoming Signal - Audible Alert

TTK 580 [TOOL CASE INCLUDED] [WiFi]
SM / MM Inspection & Optical Power Meter Test Kit

- Automated & comprehensive PASS/FAIL analysis compliant with IEC 61300-3-35 standards
- Optical power meter archives & live-streams data via USB
- Expansive on-board image storage & WiFi capability to offload reports wirelessly
- Instant report creation with custom user-defined parameters
- Two light sources provide standard wavelengths for testing loss in single mode & multi-mode systems
- Includes accessories for SM & MM tests in wireless industry

TTK PART #	TTK 580
KIT CONTENTS	VIS 300C Automated Field Inspection Scope RP 460-02 Optical Power Meter DLS 355 Dual Laser Source DKS 350 Dual LED Source

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Fiber Optic
Inspection & Testing Equipment

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Optical Power Meters

RP 560
TOOL CASE INCLUDED · **Bluetooth**

Optical Power Meter with Bluetooth®

- Bluetooth® functionality compatible with Android & iOS devices
- 10,000+ data point storage
- Test multiple sites & offload data from folders
- Wavelength ID mode detects signal & integrates with DLS models
- 2 kHz, 1 kHz & 270 Hz tone modulation
- Compatible with all connector styles
- Single mode or multi-mode testing

RP PART #	RP 560-02
DETECTOR TYPE	InGaAs
MEASUREMENT RANGE	+6 to -70 dBm
DATA TRANSFER	USB / Bluetooth®
STORAGE	10,000+ Measurements
WAVELENGTH RANGE	850 nm to 1650 nm
SELECTED WAVELENGTHS	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625 nm
RESOLUTION	0.01 dB
ABSOLUTE ACCURACY	± 0.25 dB
OPTICAL INTERFACE	Universal 2.5 mm (Other Adapters Available)

RP 450 & 460
TOOL CASE INCLUDED

RP 450

Optical Power Meters

- NIST traceable measurements
- Set reference / zero functionality
- Incoming 2 kHz signal audible alert
- Compatible with all connector styles
- Single mode or multi-mode testing
- Models are available with or without mini USB data transfer & internal storage
- Includes convenient tool carrying case
- Extensive battery life

RP 460

RP PART #	RP 450-02	RP 450-04	RP 460-02	RP 460-04
DETECTOR TYPE	InGaAs	Filtered InGaAs	InGaAs	Filtered InGaAs
MEASUREMENT RANGE (dBm)	+6 to -70	+23 to -45	+6 to -70	+23 to -45
DATA TRANSFER	N/A	N/A	Mini USB	
STORAGE	N/A	N/A	4000+ Measurements	
WAVELENGTH RANGE	850 nm to 1650 nm			
SELECTED WAVELENGTHS	850 / 1300 / 1310 / 1490 / 1550 / 1611 / 1625 nm			
RESOLUTION	0.01 dB			
ABSOLUTE ACCURACY	± 0.25 dB			
OPTICAL INTERFACE	Universal 2.5 mm (Other Adapters Available)			

ODM inSpec®

Free Software Downloads

Our inSpec® and OpTest software is available on our website. The inSpec® app for smartphones and tablets is available on Apple iTunes and Google Play.

Optical Light Sources

DLS 655

DLS 655
TOOL CASE INCLUDED

Dual Laser Light Source

- Wide range of wavelength models available including single & multi-mode testing options
- NIST traceable measurements
- 2 kHz, 1 kHz & 270 Hz tone modulation
- Easily integrates with RP 560 OPM to complete multiple loss tests at once
- Single or dual output port options for faster switching while testing multiple wavelengths
- Extensive battery life

DLS 655-05 Quad Model

DLS PART #	655	655-01	655-02	655-03	655-04	655-05	
WAVELENGTHS (nm)	1310 1550	1310 1490 1550	1310 1550 1625	1490 1625	1550 1650	MM:	850 1300
						SM:	1310 1550
OUTPUT POWER	-5 dBm						
SPECTRAL WIDTH	5 / 5 nm						
LASER CLASS	Class 1 (FDA 21 CFR 1040, 11)						
OPTICAL INTERFACE	Universal Connector (SC / FC / ST / LC)						

DLS 355
TOOL CASE INCLUDED

Dual Laser Light Source

- 1310 & 1550 nm wavelengths
- NIST traceable measurements
- 2 kHz tone output
- Compatible with SC, FC, ST & LC connectors
- Includes convenient tool carrying case
- Extensive battery life

DLS PART #	DLS 355
WAVELENGTHS	1310 / 1550 nm
OUTPUT POWER	-5 dBm
SPECTRAL WIDTH	5 / 5 nm
LASER CLASS	Class 1 (FDA 21 CFR 1040, 11)
OPTICAL INTERFACE	Universal Connector (SC / FC / ST / LC)

Inspection Scopes

VIS 500
TOOL CASE INCLUDED · **WiFi**

Wireless Fiber Inspection Scope

- Autofocus functionality for the fastest available inspection process
- Report creation & sharing directly within the free inSpec® app
- Automated PASS/FAIL capable of detecting defects < 1 µm in diameter
- High-definition, large field-of-view image
- Quick-change adapter tips to suit all connector styles
- Robust battery & comfort grip for all-day use
- Includes convenient tool carrying case

VIS PART #	VIS 500
ANALYSIS TYPE	Automated
INSPECTION SYSTEM	inSpec® for Windows, iOS & Android
DATA CONNECTION	Micro USB / WiFi 802.11abg
FOCUS SYSTEM	ODM® Proprietary External Focus
FIELD OF VIEW (FOV)	860 µm x 640 µm
INCLUDED ADAPTERS	1.25 / 2.5 mm Universal, LC / SC Bulkhead

VIS 400
TOOL CASE INCLUDED

HD Fiber Inspection Scope

- Unique external focus & enhanced magnification for clear HD images
- Automated analysis compliant with IEC 61300-3-35 standards
- Equipped with interchangeable 1.25 mm & 2.5 mm universal adapters, as well as LC & SC bulkhead adapter tips
- Includes convenient tool carrying case

VIS PART #	VIS 400
ANALYSIS TYPE	Manual / Automated
INSPECTION SYSTEM	inSpec® for Windows, iOS & Android
DATA CONNECTION	USB 2.0 / WiFi
FOCUS SYSTEM	ODM® Proprietary External Focus
FIELD OF VIEW (FOV)	860 µm x 640 µm
INCLUDED ADAPTERS	1.25 / 2.5 mm Universal, LC / SC Bulkhead

Instrument Adapters

Find the right connector adapter and fiber accessories for your tool by visiting our website at www.ripley-tools.com/odm.