YAMASAKI V5000-WiFi

Inspection Microscopes

YAMASAKI
Optical Technology

Reliable, Stable and Smart.

The Yamasaki V5000-WiFi Inspection Microscope can communicate with an Apple iOS and an Android Smartphone (WiFi) as well as a PC/Laptop (USB) and it is a very useful device to inspect a fiber optic ferrule in the field. The Yamasaki V5000-WiFi has Pass/Fail Analysis Software and there is no need for an additional Wireless AP or Module. The Yamasaki V5000-Wifi helps eliminate human subjectivity and results in faster and more accurate results to help maintain optimum fiber network performance.

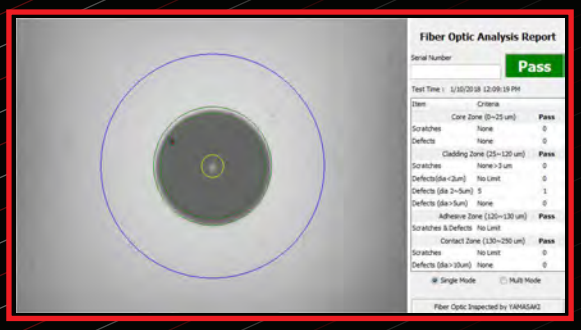
Features:

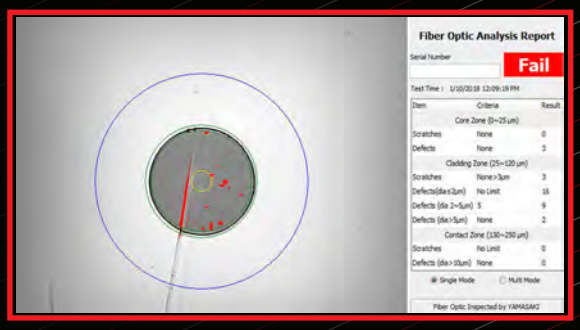
-WiFi and USB connection to Smartphone and PC
-Both Android and iOS (Apple) App
-Pass/Fail Analysis to IEC 61300-3-35
-Several connector and adaptor types tips available on request
-External Interface: mini 5-pin type
-Save inspected images and reports
-Real-time reporting in the field through smartphone
-Built-in rechargeable battery
-No need for exterior Wireless AP or Module

Applications:

-Fiber Optic System / Sub-system with Fibre Networks
-Fiber Optic Modules including Transceivers, SFP, etc.
-Test Equipment and Distribution Patch Panels
-Fiber Optic Components like Attenuators, Inside Adaptors

Pass/Fail Analysis:





The IEC 61300-3-35 grades fibre cleanliness based on the quality and size of scratches and defects in each region of the endface. The IEC standard categorizes them into two groups - scratches and defects. Certification to determine pass or fail is based on the number of scratches and defects found in each measurement region of the fibre endface, including the core, cladding, adhesive zone and contact zone, as well as the quantity and size of the scratches and defects.

Components:

-Handset (including WiFi)
-AC Battery Charger incl. USB to mini 5-pin cable
-Software (Pass/Fail Analysis)
-SC/FC/PC Female Tip
-LC/PC Female Tip
-2.5mm/PC Male Tip
-Manual

Model		V5000-WiFi
Magnification		260X - 400X
Field of Vision		400µm x 300µm
Focus		Manual, Maximum 2mm in and out
WiFi		2.4GHz WiFi IEEE 802.11b/g/n
Power		110/220V@50/60Hz Charger or USB Cable with PC
Battery		3.7V 1300mA Rechargeable Lithium Polymer Battery
Battery Running Time		Approx. 4 Hours (continuous usage)
USB Cable		mini 5-pin to USB 2.0 for Windows XP, WIN7/8/10
Software	For PC	Pass/Fail Analysis to IEC 61300-3-35
	For Smartphone	Android App and iOS (Apple App)
Dimension	Handset (without Tip)	185mm (L) x 24mm (T)
	Weight	170g

Adaptor Tips:

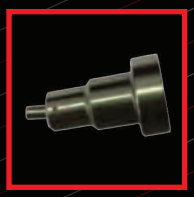
Male Side (Patchcord) Tip

2.5mm/PC Male Tip

2.5mm/APC Male Tip

1.25mm/PC Male Tip

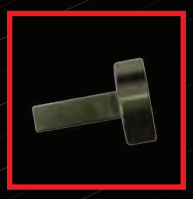
1.25mm/APC Male Tip



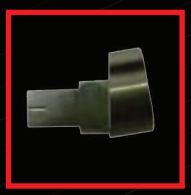
Female Side (Bulkhead) Tip

SC/FC/PC Female Tip

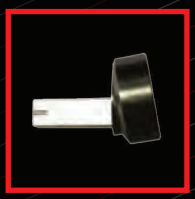
LC/PC Female Tip



SC/APC Female Tip



LC/APC Female Tip



FC/APC Female Tip

Female Side (Bulkhead) Long Tip

SC/PC Female Long Tip

SC/APC Female Long Tip

LC/PC Female Long Tip

LC/APC Female Long Tip

Female Side (Bulkhead) Angled Tip

SC/PC Female Angled Tip

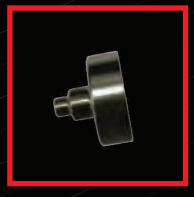
SC/APC Female Angled Tip

LC/PC Female Angled Tip

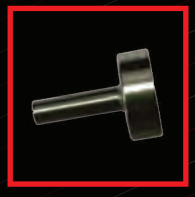
Female Side (Bulkhead) Tip

ST/PC Female Tip

SMA/PC Female Tip



MU/PC Female Tip



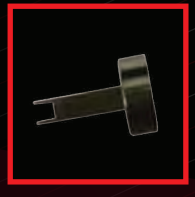
LC/PC Female Tip
Round Type

MPO/MTP Tip

MPO12/PC Tip

MPO12/APC Tip

MPO24/PC Tip



MPO24/APC Tip

YAMASAKI V5000-WiFi

Ordering Code:	Description:
V5000-WiFi	Inspection Microscope
Male Side (Patchcord) Tip	
V5000-SCM	SC/FC Male Wifi Inspection Microscope Adaptor 2.5mm/PC
V5000-SCAM	SCA Male Wifi Inspection Microscope Adaptor 2.5mm/APC
V5000-LCM	LC Male Wifi Inspection Microscope Adaptor 1.25mm/PC
V5000-LCAM	LCA Male Wifi Inspection Microscope Adaptor 1.25mm/APC
Female Side (Bulkhead) Tip	
V5000-SCF	SC/FC Female Wifi Inspection Microscope Adaptor
V5000-LCF	LC Female Wifi Inspection Microscope Adaptor
V5000-SCAF	SCA Female Wifi Inspection Microscope Adaptor
V5000-LCAF	LCA Female Wifi Inspection Microscope Adaptor
V5000-FCAF	FCA Female Wifi Inspection Microscope Adaptor
Female Side (Bulkhead) Long Tip	
V5000-SCF/L	SC Female Wifi Inspection Microscope Adaptor / Long Tip
V5000-SCAF/L	SCA Female Wifi Inspection Microscope Adaptor / Long Tip
V5000-LCF/L	LC Female Wifi Inspection Microscope Adaptor / Long Tip
V5000-LCAF/L	LCA Female Wifi Inspection Microscope Adaptor / Long Tip
Female adaptors (Bulkhead) Angled Tip	
V5000-SCF/A	SC Female Wifi Inspection Microscope Adaptor / Angled Tip
V5000-SCAF/A	SCA Female Wifi Inspection Microscope Adaptor / Angled Tip
V5000-LCF/A	LC Female Wifi Inspection Microscope Adaptor / Angled Tip
Female adaptors (Bulkhead) other	
V5000-STF	ST Female Wifi Inspection Microscope Adaptor
V5000-SMAF	SMA Female Wifi Inspection Microscope Adaptor
V5000-MU	MU Female Wifi Inspection Microscope Adaptor
V5000-LC/Round	LC Round Female Wifi Inspection Microscope Adaptor
MPO/MTP Tips	
V5000-MPO/12	MPO 12 Fibre Wifi Inspection Microscope Adaptor
V5000-MPOA/12	MPO / APC 12 Fibre Wifi Inspection Microscope Adaptor
V5000-MPO/24	MPO 24 Fibre Wifi Inspection Microscope Adaptor
V5000-MPOA/24	MPO / APC 24 Fibre Wifi Inspection Microscope Adaptor

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More information and details visit
www.yamasakiot.com

Specifications and descriptions are
subject to change without prior notice.

To contact us, please email:
sales@yamasakiot.com