HUXScope-UE™

Fiber Optic Microscope / Inspector USB Version

Special Features

- Included Pass/Fail Software according to IEC 61300-3-35
- Very usefully device to inspect Fiber Optic Connectors in field
- One handed operation
- Simply Portable
- Low Price but good capacity
- Available several adaptor types Tips (Both Female / Male Tip)
- Electric Power by USB
- Save Tested Analysis Report on PC by USB device
- Control the display size
- Easy and usage by setup
- Anti-slip Grip design and Easy Focus
- Complied with RoHS
- CE/FCC approved

Specifications

Brand Name		HUXScope-UE
Magnification		260~400X (Digital)
Filed of Vision		400um x 300um
Focus		Manual, Maximum 2mm in and out
CCD		1/4" CMOS
Power Supply		Computer USB Electric Power
Software		For Windows 8, 7 and XP
Dimension	Handset (without Tip)	185mm (L) x 24mm (T)
	Weight	150g
USB		USB 2.0

Standard Package

P/N: **HUXScope-UE (USB Version)**

- 1 Handset (included USB)
- 1 Software
- 1 Tip for female SC/PC and FC/PC
- 1 Tip for female LC/PC
- 1 Manual

[Remark] Female Tip is for ferrule inside of adaptor and Male Tip is for patchcord ferrule.

HUXScope-WiFi™

Fiber Optic Microscope / Inspector, WiFi Version

Special Features

- WiFi and USB connection to Smartphone and PC
- Android App and iOS (Apple) App both
- Pass/Fail Analysis to IEC 61300-3-35
- Available several connector & adaptor types Tips
  (Both Female / Male Tip)
- External Interface : mini 5-pin type
- Save inspected images and reports
- Real-time report in field through smartphone
- Built-in rechargeable battery
- No need exterior Wireless AP or Module
- Anti-slip Grip design and Easy Focus
- Complied with RoHS
- CE/FCC approved

Specifications

Brand Name		HUXScope-WiFi
Magnification		260X - 400X
Field of Vision		400um x 300um
Focus		Manual, Maximum 2mm in and out
WiFi		2.4GHz WiFi IEEE 802.11b/g/n
Power of Charger		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
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

Standard Package

P/N: **HUXScope-WiFi (WiFi Version)**

- 1 Handset (included WiFi)
- 1 AC Battery Charger
     incl. USB to mini 5-pin cable
- 1 Software (Pass/Fail Analysis)
- 1 Tip for female SC/PC and FC/PC
- 1 Tip for female LC/PC
- 1 Manual

INTRODUCE

HUXSCOPE™ is very usefully device to inspect ferrule in field. You can use it to inspect the connector installed inside hardware device. It can provide visual to you. So you can understand and control condition of your equipments easily. HUXSCOPE™ will be the best partner for your fiber optic business.

AVAIABLE APPLICATIONS

- Fiber Optic System / Sub-system with Fiber Networks
- Fiber Optic Module included Transceivers
- Test Equipment and Distribution Patch Panels
- Fiber Optic Components like Attenuators, Inside Adaptors

STANDARD PACKAGE

a. Handset   b. 5.6" LCD Monitor   c. Rechargeable Battery
d. Each 1pc Tip for female SC/PC and FC/PC and LC/PC Tip
e. AC Power Adaptor   f. Manual   g. Carrying Case

WARRANTY

HUXSCOPE you bought is passed our all inspection and then is shipped to our customer. Please contact reseller or our company if you can find some failure when you use it at first.

TheFibers give you a warranty for one year from the buying date. During the warranty period, the returned product by freight prepaid from the customer, TheFibers will provide repair and replacement for any defective product without additional charge which is needed to repair or replacement. However the following are expressly NOT COVERED under warranty:

- Any loss, damage by un-approved Battery and AC Adaptor
- In case the serial and warranty sticker is removed
- Failure to use products under abnormal operating conditions
- Any loss, damage by user fault
- Any damage by disassembly without permission

KEY FEATURES

- One handed operation
- Wide 5.6" TFT LCD monitor
- Foldable Monitor and adjustable Angle
- Easy focusing and charging by AC 100~220V
- Save Data on PC by USB devic
- Brightness & Contrast adjustable
- Complied with RoHS

HARDWARE SPECIFICATIONS

Magnification		260X by 5.6" LCD, 400X by USB or 9" CRT Monitor
Filed of Vision		400um x 300um
Focus		Manual, Maximum 2mm in and out
CCD		1/4" Sharp CCD sensor
Monitor		5.6" TFT LCD
Battery and Power Supply		9.6V 2700mA NH-AA Rechargeable Battery, AC adaptor
USB Device		Video Capture Device with Software for Windows 98/2000/XP
Dimen-sion	Handset (without Tip)	185mm (L) x 24mm (T)
	Monitor (when folded)	150 (W) x 125 (D) x 52 (H)mm
Video Output		NTSC (default) or PAL

PRODUCT OVERVIEW

Handset

LCD moldule side

PRODUCT SETUP

1. Pick up handset plug and insert it to connector on LCD monitor module.

2. Please check battery or AC adaptor. You use 2 type for power; one is battery(Ni-MH, 2700mA, 9.6V) and the other is AC adaptor. Battery type is used when you use it in field without power source. AC adaptor is used when you work in factory or some place to get outlet. If you choose way to supply power, see next step following your power type

2-1. Battery type

We provide 9.6V, 2700mA, Ni-MH battery which is included in LCD monitor module. You can work over 4 hours by the battery which is full. You can always check battery status by LED lamp on LCD monitor module. The lamp provides battery status by changing color. The lamp show GREEN when the battery is full. But the lamp changes RED when the battery reaches low. You can see the how to charge more detail next step.

2-2. AC adaptor type

We also provide AC adaptor. The AC adaptor has a jack. You have to plug the jack into power connector to use AC adaptor.

3. Please see the switch on the side of LCD module. The switch is for controlling power on-off. And the switch has another function. If the switch is positioned power on to work with AC adaptor, you can also charge battery at same time. When the switch turns power on, the LED lamp is GREEN in case of full battery or AC adaptor.

4. If every thing is working, you adjust LCD monitor's contrast and bright by wheel beside LCD panel until you get the result you want.

5. If you order USB Device (Cable), you can save the image to your computer by capture after connected DIN and USB to your computer.

HOW TO USE

Operation

1. To install and change tip : We basically provide 2.5mm for SC/PC and FC/PC Tip. Some time you need 1.25mm LC/PC Tip. At that time you simply change the Tip from 2.5mm to 1.25mm. The Tip and Handset have screw matched each other. So you can remove the Tip from Handset easily. Please

keep clean lens in Handset when removing and exchanging the Tip (the Handset has optical part, lens, to enlarge end-face). The lens is important to get clean images. So we recommend you should be careful.

2. If you finish install or change Tip, insert the tip into adaptor or female side of fiber optic devices. You can feel reaching edge of the adaptor. At that time you can see something on LCD monitor. To get clean images, you have to rotate FOCUS button. The button rotates over 360° and Lens is in and out following the action.

3. You can get clean image when you find optimal position of lens.

Charging battery

1. Connect the jack of the adaptor we provide to the slot of the LCD monitor module. And turn the power switch.

2. LED is RED at the start time. But when battery is full, you can see LED is GREEN. To full charging, it needs 12 hours.

Caution : 1. Please don't charge the battery over 24 hours.
2. Please don't disassembly Handset and Monitor.
3. Don't use un-approved battery and AC Adaptor.
4. Please don't remove Serial Sticker for Warranty.