



**Highlights:**

- Easy, fast focus
- Eye-safe video scope
- Interchangeable male/female connector tips for SC, LC, MU, FC
- Other tips are orderable
- Neck strap for easy operation
- Portable: includes a rechargeable battery

**Applications:**

- Fiber optic connector inspection
- Fiber optic network deployment and maintenance

**Compliance:**

- UL/CSA
- FCC Class B, FDA Class 1

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[www.optelian.com](http://www.optelian.com)

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**LightPRO CI-1000 Connector Inspector Kit**

The Optelian CI-1000 Connector Inspector is used by technicians to view a magnified image of the fiber core inside fiber optic connectors and adapters for detection of dirt or defects causing optical signal loss.

The CI-1000 offers excellent magnification and has a Liquid Crystal Display (LCD) for easy viewing. The unit is light-weight and has a rechargeable battery and durable carrying case for portability.

The kit includes the most commonly used SC, FC, LC, and MU male and female connector tips.

The premium kit includes additional ST, right-angled, extension, and MTP tips. Other tips may be ordered separately.

With the laptop kit, the handset probe plugs into the user's own laptop using a USB video capture device. PC software supports image viewing and saving.



**Ordering Information**

Optelian P/N	Description
1002-9600	CI-1000 Connector Inspector Kit
1008-0700	CI-1000 Connector Inspector Premium Kit
1008-2200	CI-1000 Connector Inspector Upgrade Package
1008-5210	CI-1000 Connector Inspector Kit for Laptops

**About Optelian**

Optelian provides premium-quality optical transport systems for telecom, MSO, utility, and enterprise customers worldwide. Customers enjoy Optelian's quick delivery, custom design capability, and service. Inservice with Tier 1 Telcos since 2002, power-saving, *LightGAIN* systems are compact and easy to use.

Fiber Capacity • Reach • FTTx • Test & Turn-Up

**Contact Information**

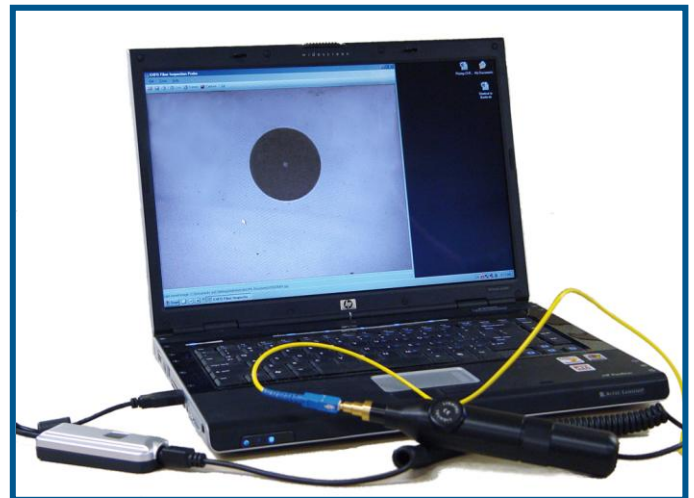
## Common Specifications

Feature	Details
Field of View	~ 400 x 300 $\mu$ m
Resolution	0.5 $\mu$ m detectable
Focus	Manual adjustment, 2 mm max travel
Handset Dimensions	3.2 cm diameter x 17.5 cm (without tip)
<b>LCD Kits</b>	
LCD Monitor	3.5 inch TFT-LCD High brightness and contrast High resolution: 600(H) x 234(V) RGB Delta Composite Sync. View angle: 110(H), 50(V) Dimensions: 10.5 x 9 x 4.5 cm
Power Supply	AC adapter 9.6V rechargeable battery pack (lasts 4 hours minimum)
<b>Laptop Kit</b>	
USB video capture device	USB 2.0 port Single snap shot Software for Windows® 2000/XP/Vista
Power Supply	Uses the USB port from the PC



**CI-1000 Kit**

**CI-1000 for Laptops**  
(laptop is not included)



**CI-1000 Premium Kit**

## Ordering Information

Description	Kit 1002-9600	Premium Kit 1008-0700	Upgrade Kit 1008-2200	Laptop Kit 1008-5210
LCD Monitor	✓	✓		
Neck strap carrying pouch	✓	✓		
Probe	✓	✓		✓
9.6v rechargeable battery pack	✓	✓		
Power adapter and battery charger- 110VAC	✓	✓		
USB 2.0 Video Capture Device				✓
Carrying case with shoulder strap	✓	✓	✓	
<b>Tips</b>				
Tip body for SC/PC & FC/PC, female connectors	✓	✓		
FC tip guide (mounts onto tip body)	✓	✓		
SC tip guide (mounts onto tip body)	✓			
SC extended tip for female connector	✓	✓		
SC slim-angled tip for female connector		✓	✓	
LC female connector	✓			
LC slim-straight tip for female connector		✓	✓	
LC slim-angled tip for female connector		✓	✓	
ST female connector		✓	✓	
MTP, APC Extended tip for MTP/APC connector		✓	✓	
Universal tip for 1.25mm male, PC-type connector (LC, MU)	✓	✓		
Universal tip for 2.5mm male, PC-type connector (FC, SC, ST, E2K, DMI...)	✓	✓		
<b>Adapters</b>				
LC/LC Simplex Adapter	✓	✓		
SC/SC Simplex Adapter	✓	✓		
MTP Adapter		✓	✓	

## Additional Parts, Tips and Adapters

The following parts may be ordered separately.

Part Number	Product Name	Kit	Premium Kit	Upgrade Kit	Laptop Kit
<b>CI-1000 Accessories</b>					
1010-3800	USB 2.0 Video Capture Device				✓
<b>Tips for PC-Type Connectors</b>					
1002-9604	Tip, Universal, 2.5 mm male, PC-type connector (FC, SC, ST, E2K, DMI...)	✓	✓		
1002-9608	Tip, Universal, 1.25mm male, PC-type connector (LC, MU)	✓	✓		
1002-9605	Tip body, SC/PC & FC/PC, female connectors	✓	✓		
1002-9606	FC tip guide (mounts onto 1002-9605)	✓	✓		
1002-9607	SC tip guide (mounts onto 1002-9605)	✓			
1002-9609	Tip, LC female connector	✓			
1002-9601	Tip, ST female connector		✓	✓	
1002-9632	Tip, MU female connector				
1002-9611	TIP, Universal, 2.0 mm, Male PC-type (Termini & Lemo)				
1002-9612	TIP, Universal, 1.6 mm, Male PC-type				
1002-9613	Tip, LEMO female connector				
1002-9614	Tip, MTP Connector				
1002-9616	Tip, MTRJ connector in bulkhead adapter				
<b>Tips for APC-Type Connectors</b>					
1002-9617	Tip, Universal, 2.5 mm male APC-type connector (FC, SC, E2K, DMI...)				
1002-9621	Tip, Universal, 1.25 mm Male APC-type connector (LC, MU)				
1002-9618	Tip, SC/APC female connector				
1002-9619	Tip, FC/APC female connector				
1002-9603	Tip, LC/APC female connector				
1002-9634	Extended tip, MTP/APC connector		✓	✓	
1002-9637	TIP, SC/APC Extended Female Connector				
1002-9638	TIP, SC/APC 60° Angled Female Connector				
1002-9636	TIP, SC/APC Hardened (Optitap®) Female Connector				
<b>Slim-Straight Tips</b>					
1002-9622	Slim-straight tip, SC/PC & FC/PC female connector				
1002-9633	Extended tip, SC/PC female connector	✓	✓		
1002-9623	Slim-straight tip, ST female connector				
1002-9624	Slim-straight tip, E2000/PC female connector				
1002-9625	Slim-straight tip, LC/PC female connector		✓	✓	
1002-9626	Slim-straight tip, MU/PC female connector				
<b>90° Slim-Angled Tips</b>					
1002-9627	Slim-Angled Tip, SC/PC & FC/PC female connector				
1002-9635	Slim-Angled Tip, SC/PC female connector		✓	✓	
1002-9628	Slim-Angled Tip, ST female connector				
1002-9629	Slim-Angled Tip, E2000/PC female connector				
1002-9630	Slim-Angled Tip, LC/PC female connector		✓	✓	
1002-9631	Slim-Angled Tip, MU/PC female connector				
<b>Adapters</b>					
1010-2600	Adapter, LC/LC Duplex Female	✓	✓		
1010-2700	Adapter, SC/SC Duplex Female	✓	✓		
1010-2800	Adapter, MTP/MTO Female		✓	✓	