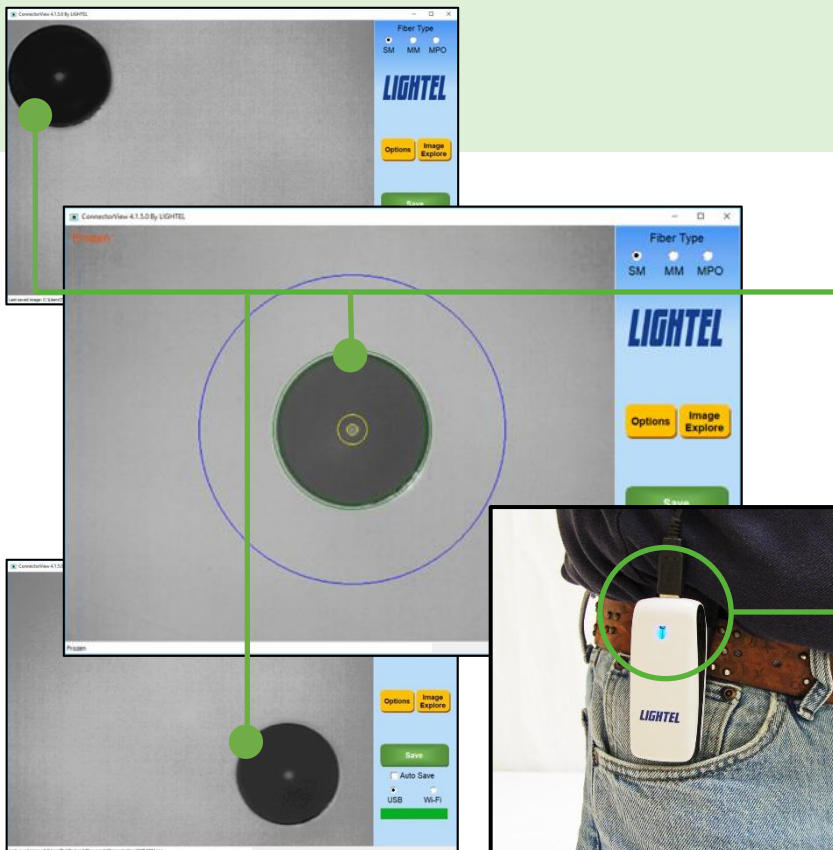


## Video microscope for easier MTP®/MPO inspection

The DI-1000MPO+ incorporates the same features and uses the same single fiber tips and accessories as the popular DI-1000, but adds additional X- and Y-direction scanning knobs. This allows the user to manually scan in both the X and Y directions with one hand, providing unprecedented control and increasing the efficiency of inspecting the endfaces of MTP®/MPO connectors. With a change of the front end tip you can inspect either PC or APC MTP/MPO connectors, one to four rows (12 to 48 fibers). Front end tips are also available for 16 fiber connectors.

The scanning knobs also provide further flexibility when inspecting single fiber connectors. The included single fiber adapter enables you to use any Lightel Series 2 tip with the DI-1000MPO+ and quickly adjust the image position.



## Features

- Shift the image position without moving the probe
- Connect by USB to Windows PC or to iPhone and Android by optional WiFi adapter
- Scan across MTP/MPO connectors with one hand

# Specifications

Field of view	~ 680µm x 510µm
Optical resolution	≤ 2.0µm
Detectable resolution	0.5µm
Focus	Manual adjustment, 2mm max travel (±1.0mm)
Horizontal (X) adjustment	4.2mm max travel
Vertical (Y) adjustment	1.2mm max travel
X Adjustment Rotation Angle	270° (±135°)
Y Adjustment Rotation Angle	180° (±90°)
Camera	1/3" CMOS
Light source	Blue LED
Power Supply	PC USB2.0 port
Dimensions	175mm x Ø35mm (Probe without cap)
Weight	225g
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 70°C
Supported Operating Systems (DI-1000 Software)	Windows XP®, Vista®, Windows 7®, Windows 8®, Windows 10® Windows 11® 32-bit and 64-bit processors

## ➔ Ordering Information

Package	Part Number	Description
DI-1000MPO+/PC	DI-1000MPO+	(1) USB2.0 digital inspector scanning probe
	PT2-MTP/PC-T	(1) Series 2 front end for female MTP/MPO PC connectors
	ADAPTER/MTP	(1) Standard MTP adapter for male MTP/MPO connectors
	PT2-SF/ADAPT	(1) Series 2 adapter for single fiber connectors
	PT2-U2.5/PC/M	(1) Series 2 universal tip for male 2.5mm PC connectors
	PT2-FS/PC/F	(1) Series 2 tip for female FC and SC PC connectors
	PT2-U1.25/PC/M	(1) Series 2 universal tip for male 1.25mm PC connectors
	PT2-LC/PC/F-1	(1) Series 2 squared tip for female LC PC connectors
	DI1-CASE-S	(1) Soft carrying case
	CV-USB	(1) ConnectorView (standard) software USB flash drive and manual
DI-1000MPO+/APC	DI-1000MPO+	(1) USB2.0 digital inspector scanning probe
	PT2-MTP/APC-T	(1) Series 2 front end for female MTP/MPO APC connectors
	ADAPTER/MTP	(1) Standard MTP adapter for male MTP/MPO connectors
	PT2-SF/ADAPT	(1) Series 2 adapter for single fiber connectors
	PT2-U2.5/APC/M	(1) Series 2 universal tip for male 2.5mm APC connectors
	PT2-FS/APC/F	(1) Series 2 tip for female FC and SC APC connectors
	DI1-CASE-S	(1) Soft carrying case
	CV-USB	(1) ConnectorView (standard) software USB flash drive and manual

Note: Lightel offers more than 100 Series 2 tips for the DI-1000, DI-1000MPO+ and CI-1100. For a complete list visit our website at: <http://lightel.com/product/82/series-2-tips>