

DATA SHEET

ME2500 Video Microscope OPTISPEC ME2500 SERIES

Features

- New Optispec LED Illumination
- High Resolution Video
- Quadruple Turret Nosepiece
- Video Magnification 150X-1000X (1400X Optional)
- Long Working Distance Optics for UPC and APC Inspection
- Receptacles for UPC* APC* & Multi Fiber connectors
- All models equipped with 5x, 10x & 20x objectives

Benefits

- Four Convenient Models
- Quality Components
- Economical
- Versatile
- Ease of Operation
- Very Small Foot Print
- Fully Adjustable Image

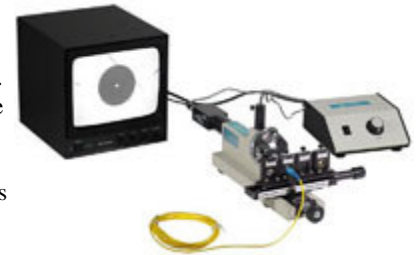
Applications

- Inspection of Telecommunications, DATA-COM, & Military/Aerospace Connectors
- Mass Production or Lab Environment
- Singlemode, Multimode, or Specialty Fibers
- Standard and Custom



Connected Fibers provides a full line of high quality optical fiber inspection equipment for connector end-face inspection.

The OPTISPEC ME2500 series of video microscopes are efficient instruments for the large and small fiber optic cable assembly companies. Designed, engineered and manufactured by Micro Enterprises, our choice of high quality optics, video cameras, and monitors provide the best quality image of single and multi-mode polished fiber connectors. We offer custom and standard stage configurations to meet your requirements and requests in the production area. Our new stages and fixtures accommodate all of the standard connectors including the entire MT series of multi-fiber connectors. The new Optispec LED upgrade eliminates bulb changes and further improves light scratch contrast.



Specifications

Illumination	Near UV Optispec Blue LED Illumination			
Optics	LWD M5x 21.00mm W.D. LWD M10x 12.30mm W.D. LWD M20x 12.20mm W.D.			
Video	High Resolution 1/2" CCD Camera Pixels 768 x 494 570 TV lines/Monochrome			
Power Requirements	MP2505 90-240VAC Power Supply			
Dimensions	L 18" x W 9.5" x H 7" x Weight 7lbs (3.2kg)			
Video & Optical Magnifications	<i>LWD Obj.</i>	5x	10x	20x 40x (optional)
	<i>Optical Magnification</i>	50x	100x	200x 400x
	<i>Approx. Opt. Resolution</i>	2-3.5	.8-1 .6-7	.45-.5
Approx. Video Magnification	9" Mono.	160x	320x 600x	1250x
	12" Mono.	200x	440x 880x	1725x
	17" Mono.	275x	575x 1150x	2300x
Options	Illumination	MP2516 5v Tungsten Lamp		
	Optics	LWD M40X 6.80mm W.D.		
	For additional see online			

Ordering Guide (see next page)

Call now to place
your order:
1-866-899-7953

Tel: 1-866-899-7953 Fax: 678-623-0652 sales@connectedfibers.com www.connectedfibers.com

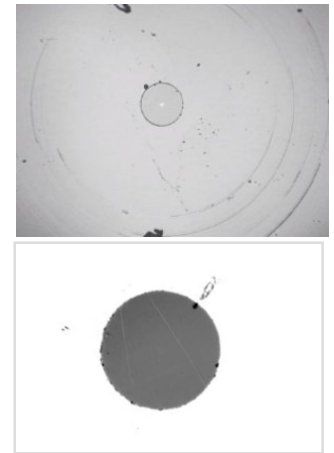
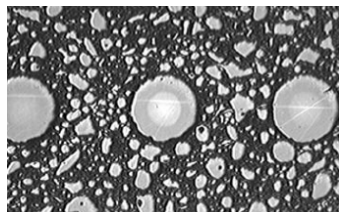
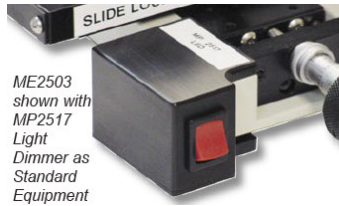
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DATA SHEET

ME2503 Video Microscope OPTISPEC ME2500 SERIES

Features

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- High Resolution Video
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- Video Magnification 150X-1000X (1400X Optional)
- Long Working Distance Optics for UPC and APC Inspection
- Receptacles for UPC* APC* & Multi Fiber connectors
- All models equipped with 5x, 10x & 20x objectives



Benefits

- Four Convenient Models
- Quality Components
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Applications

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Ordering Information

Part Number	Description
ME2503	Video Microscope with Light Dimmer and 4 position Linear Slide Stage, 3 Lens 5x, 10x & 20x included, 4 connector adaptors included <i>(See below Options for Connector Adaptors. Some additional charge may apply for non-standard adaptors)</i>
ME2503 NTSC	Same as above but with 5X, 10X, 20X, 40X Objectives
ME2503 CCIR	Same as above but with 5X, 10X, 20X, 40X Objectives
MP19110	9" 120V High Resolution Monitor
MP11917	12" Bosch 120V High Resolution Monitor

2.5mm Connectors:

- MP2585 2.5mm Universal Bracket for SC/FC/ST/, stainless steel*
- MP2496 2.5mm Thru Bracket (view entire ferrule), stainless steel*
- MP2585-2 2.5mm Universal Bracket for SC/FC/ST/, composite plastic*
- MP2455 2.5/1.25mm Combo Bracket for SC/FC/ST/LC/MU, composite plastic*
- MP2560 SC Keyed Bracket, alloy**
- MP2494 SC Duplex Bracket, composite plastic**
- MP2561 FC Keyed Bracket, alloy**
- MP3267 FC Keyed Special Bracket, (2mm Key for ME3200 only)* **
- MP2579 E2000 Bracket, composite plastic**
- MP2722 2.5mm "V" Block assembly, (for ME3200 only)* **

- * For APC connectors simply angle the bracket on the microscope stage 8 degrees

1.25mm Small Form Connectors:

- MP2586 1.25mm Bracket for LC/MU, composite plastic*
- MP2586-2 1.25mm Bracket for LC/MU, stainless steel*
- MP2499 1.25mm Bracket for LC/MU, hardened steel**
- MP2573 LC Keyed Bracket, hardened steel**
- MP2495 LC Duplex, composite plastic**
- MP2455 2.5/1.25mm Combo Bracket for SC/FC/ST/LC/MU, composite plastic**
- MP3260 8-position BLC (specify UPC or APC), composite plastic**

- * For APC connectors simply angle the bracket on the microscope stage 8 degrees

Multiple Fiber Connectors:

- MP2581 MT Ferrule Bracket, composite plastic
- MP2452 MT Ferrule Bracket, hardened steel**
- MP2583 MT APC Ferrule Bracket, composite plastic
- MP2453 MT APC Ferrule Bracket, hardened steel**
- MP2583 Mini MT Ferrule Bracket, composite plastic
- MP2450 Mini MT Ferrule Bracket, hardened steel**
- MP2594 Mini MT APC Ferrule Bracket, composite plastic
- MP2451 Mini MT APC Ferrule Bracket, hardened steel**
- MP2590 MTP/MPO Bracket, composite plastic
- MP2591 MTP/MPO APC Bracket, composite plastic
- MP2582 MPX Bracket, composite plastic
- MP2592 MPX APC Bracket, composite plastic
- MP2448 SMC Bracket, composite plastic**
- MP2584 MT-RJ Bracket, composite plastic
- MP2595 MT-RJ APC Bracket, composite plastic

Other Connectors:

- MP2436 Bare Fiber Bracket (requires MP32046 Fiber Chuck)
- MP2598 D-4 Bracket, stainless steel
- MP2497 D-4 Bracket, composite plastic
- MP2579 E-2000 Bracket, composite plastic**
- MP2580 SMA 905/906 Bracket, stainless steel
- MP2599 Biconic Bracket, alloy
- MP2439 1.6mm Bracket for Mil. Spec./29504-4&5/Bendix Pin, composite plastic
- MP2550 1.8mm Bracket, composite plastic

Call now to place
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