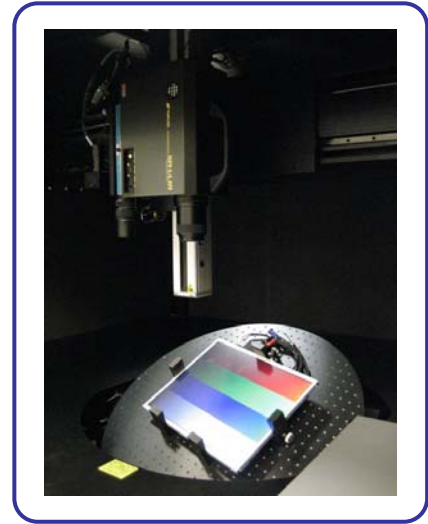




*FPM-505W with Polar Goniometer*



*Down-looking optical instruments*

Ideal for small to mid-sized display panels and devices requiring full optical characterization, this system is at home in the engineering laboratory or the production QA/QC department.

#### Benefits

- Optimized for 1" ~ 17" displays
- Full optical characterization
- Industry standard system
- 75" x 60" system footprint
- Integrates with all major LMDs
- Supports popular test pattern generators

#### Features

- Westar ViewPoint™ software
- Manual & Automatic system control
- Customizable test sequences
- Excel data reports
- Fully automated 5-axis motion base
- Spot Tracking algorithm
- Light Safe Enclosure

#### Warranty and Support

- 1 year technical support
- 1 year ViewPoint™ upgrades
- 1 year limited warranty

#### Typical Applications

- R&D and Engineering
- Mid-sized Display Panels and Products
- Avionics / Military Display Testing
- Notebook / Tablet display testing
- Display Production QA/QC
- Full Electro-Optical Characterization

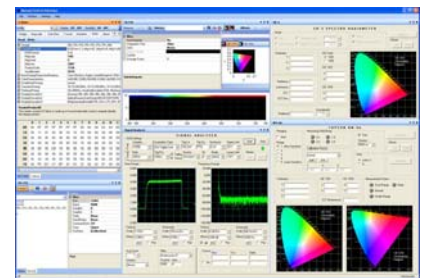
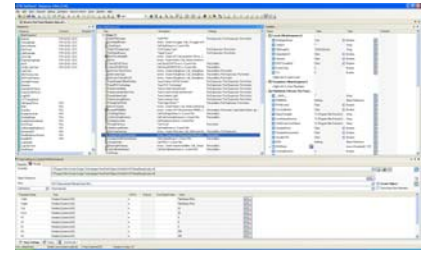
#### Popular Options

- T-Drive™ Universal Tester
- Response Time & Flicker Kit
- VESA/ICDM FPDM test suite
- TCO '99/'03/'05 test suite
- ISO 13406-2 test suite
- MIL-L-85762A testing

#### Installation and Training

- On-site installation & set-up
- On-site classroom training
- On-site lab training

FPM-505 System Specification Summary		
Max DUT Size / Weight	17" (43 cm) diagonal / 40 lbs (18 kg)	
Available Light Measurement Device (LMD) Interfaces	BM-5AS, BM-7A, SR-3x, SR-ULx, SC-777, CS-200, CS-1000A, PR-650, PR-880A, PR-705, PR-715, OL-770, OL-750, CAS-140B	
Recommended System Configuration	Light Measurement Device(s): Consult Westar	
	Display Drive and Control: T-Drive™	
	Temporal Measurements: TRD-100A and RT-FL	
	DC Power Supply: DLM-600	
Test Capabilities †	✓ Luminance Uniformity	✓ Cross-Talk
	✓ Luminance vs. View. Angle	✓ Warm Up Time
	✓ Contrast Ratio	✓ G.L. Response Time
	✓ CIE Chromaticity & CCT	✓ Flicker
	✓ Color Gamut and %NTSC	✓ Power Consumption
	✓ Gamma Curves	✓ Luminance Efficiency
System Controller PC	Pentium-4 Class, 22" Flat Panel Monitor, Windows XP, Office XP	
System Software	Westar's ViewPoint™ Software (Manual Control Interface) and National Instruments TestStand™ with Westar's Test Object Library	
System Size	Enclosure: 190 cm wide x 152 cm deep. System Height: 2.5 m	
System Power ††	120 VAC / 60 Hz Single Phase / 20 Amps (2 circuits)	
Optional Capabilities	See separate Common Options brochure	
Installation & Training	On-site system set-up, classroom training, laboratory training	
Warranty & Support	1 Year Limited Warranty; 1 Year Tech Support Service (renewable)	
† With Recommended System Configuration and appropriate test sequences		
†† 220 VAC / 50 Hz power configuration available		



Specifications subject to change

### Need more information?

Visit our website to see the FPM System selector guide, capabilities, options descriptions, and basic specs.

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

### Need some help now?

Call our engineering hotline at **636-300-5102** to discuss your unique display test & measurement requirements and let us configure the optimal FPM System for you!

Every system quotation includes a detailed FPM System Specification tailored to your requirements.