
EPA 40 CFR 60 B PS-1 AND ASTM D6216 COMPLIANT MONITORS

EMS offers over 20 years of experience providing quality, reliable and user friendly Opacity, Dust and Optical Density monitoring solutions. Along with manufacturing superior products, EMS offers a knowledgeable, courteous staff to assist our customers from initial selection to final installation and certification. We also perform in-house and on-site repairs as well as monitor start up, preventative maintenance and COMS audits. Below is a brief description of the products that EMS has to offer. For more information please visit us at www.emsct.com or call us at 800-864-2814 Ext. 15.



ENVIRONMENTAL MONITOR SERVICE

Quality Manufacturing, Integrity and Dependable Service by Design

Environmental Monitor Service, Inc. PO Box 4340, Yalesville, CT 06492
Ph. 203.935.0102, Fax 203.634.6663 Email: sales@emsct.com

EPA 40 CFR 60 B PS-1 AND ASTM D 6216 COMPLIANT MONITORS

5 year manufacturer warranty with EMS commissioning

EMS421



- * Standard 3-30 ft. (.9-9.1 meters) measuring distance
- * Standard EPA required audit test kit
- * Intuitively designed 5.7" color touch screen user interface
- * 5 Numerical and 2 trend display screens
- * Lifetime lamp replacement warranty
- * Standard SD card for program and data backup
- ✓ Dual beam measurement
- ✓ Automatic or manual on-line calibration
- ✓ Sensor located service module with a digital display for % correlated Opacity and %T²
- ✓ Communications via 4-20 mA and RS485 MODBUS

EMS411



3 year manufacturer warranty with EMS commissioning

- ✓ Dual beam measurement
- ✓ Automatic or manual on-line calibration
- ✓ User friendly microprocessor controller
- ✓ 3 User selectable displays
- ✓ Sensor located service module with a digital display for % correlated Opacity and %T²
- ✓ 8 Year lamp life warranty
- ✓ Communications via 4-20 mA and RS485 MODBUS

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COMPARISON CHART

	EMS421	EMS411
ASTM D 6216 and PS-1 Compliant	✓	✓
Dual Beam Measurement	✓	✓
Sensor Located Service Module	✓	✓
Microprocessor Controller	✓	✓
Communications Via 4-20 mA and RS485 MODBUS	✓	✓
Lifetime Lamp Replacement Warranty	✓	
Standard EPA Required Audit Ki	✓	
Standard 4 Analog Outputs	✓	
Intuitively Designed Icon Driven Navigation	✓	
Standard Program Includes % Opacity, mg/m3 and O.D.	✓	
Standard 2GB SD Card for Program and Data Backup.	✓	
Real Time Diagnostics for Testing Outputs and Relays	✓	
Three Selectable Trend Screen Displays	✓	
Easy to Read Color Coded Fault Screen	✓	
User Display Customization Available	✓	

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