

P M S E R I E S

RADIANT



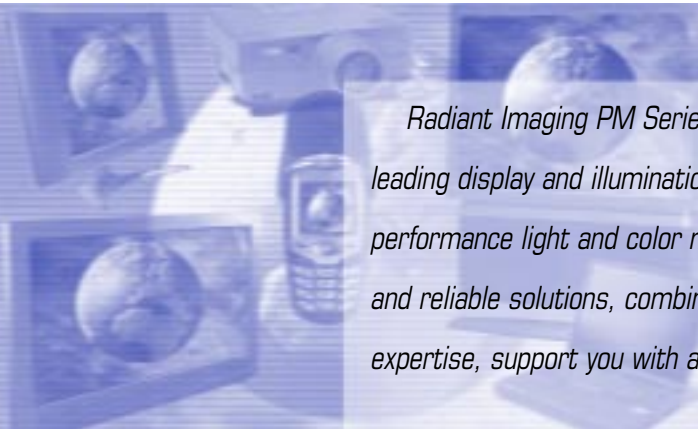
The world's first and the world's finest
imaging light and color measurement systems



RADIANT
IMAGING

SEE THE DIFFERENCE

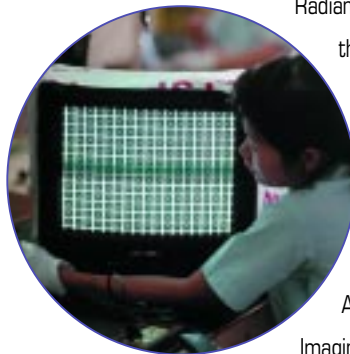
ACCLAIMED WORLDWIDE FOR SPEED, ACCURACY, ADAPTABILITY AND CONTINUING RETURN ON INVESTMENT



Radiant Imaging PM Series measurement hardware, and software offer the world's leading display and illumination system producers the most versatile, cost-effective, high performance light and color measurement systems available anywhere. These accurate and reliable solutions, combined with an unparalleled level of engineering and software expertise, support you with a partnership that keeps you ahead of your competition.

By deploying a PM series in a display production line it increases speed, accuracy and quality while decreasing recalls and waste

THE ADVANTAGES OF LEADERSHIP



Radiant Imaging revolutionized light and color measurement with the introduction of the first CCD photometer in 1986. We introduced the first commercially available 16-bit CCD Colorimeter in 1999, forever changing the way engineers and designers approach light and color measurement testing.

From the beginning we've focused on ever-increasing accuracy, ease of use and the system flexibility required to support a wide array of industry needs and requirements. Today, throughout the world, from Europe to Asia to America, leading designers and manufacturers have learned to count on Radiant Imaging's technologies to enhance design capabilities, increase product development

efficiency, and markedly improve manufacturing productivity—crucial to competitive effectiveness in the world marketplace.

DESIGNED FOR PERFORMANCE AND VERSATILITY

All of Radiant's PM Series systems are designed to measure and quantify light in four modes: emitted, reflected, projected and transmitted. For over two decades the optical scientists of Radiant Imaging have continued to perfect imaging photometry and colorimetry.

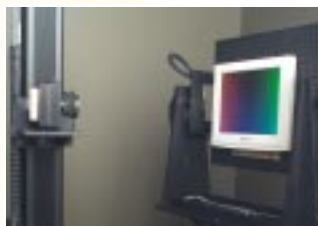
DESIGNED AND BUILT FOR REAL WORLD PRODUCTIVITY

Our PM Series™ of Imaging Photometry, Radiometry and Colorimetry Measurement Systems are the cornerstone of our automated test and inspection systems for displays, optical component, and illumination system production and QA.

Our instruments are capable of measuring hundreds of thousands to millions of data points in seconds. Industrial and scientific grade models are available with a resolution and dynamic range to meet any light and color quantification need.

Radiant's PM Series products utilize standard algorithms that enable automated identification of Mura Defects, such as pixel, blemish and line defects, and can deliver quantitative data on luminance, illuminance, radiance, irradiance, correlated color temperature and CIE chromaticity coordinates.

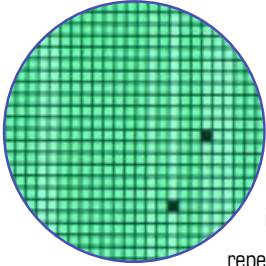
PM Series software has been developed for producers and component suppliers of emitting, reflecting and projected displays technologies. Regardless of the specific application, these solutions are designed and built to provide a higher level of quality assurance and yield management that maximize your return on investment (ROI).



Radiant Imaging specializes in creating display measurement systems for virtually any display technology

THE RADIANT PM SERIES—THE FUTURE OF LIGHT AND COLOR MEASUREMENT

Our PM software for hardware control, data acquisition and image analysis is not only a powerful, mature, stand alone control package, but also includes an image processing toolbox to enable users to easily develop custom test routines along with a comprehensive set of Active-X controls for full testing automation.



Radiant's PM software provides display manufacturers with the first tools to replace commonly used subjective visual inspection methods with automated techniques that are both objective and repeatable. Some of our more advanced PM Series instruments provide capabilities that enable users to measure defects and anomalies that elude even experienced human visual inspection. With the PM Series companion software, the measurement accuracy makes possible inspection objectivity, repeatability and reliability the human eye can't match, even when aided by powerful magnifiers, or microscopes.

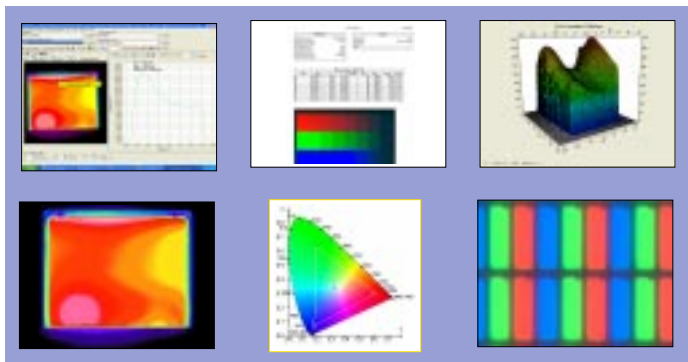
Radiant's PM Series makes it readily possible for manufacturers in global markets to adhere to objective standards, which can significantly cut the cost of returned goods—to say nothing of maintaining vital customer relationships and a reputation for quality.

When you work with Radiant Imaging, you'll discover that we immerse ourselves in the specifics of your manufacturing processes and technologies and the metrics to be recorded. You'll find we understand both your day-by-day operational needs and long term planning that can affect your future equipment requirements.

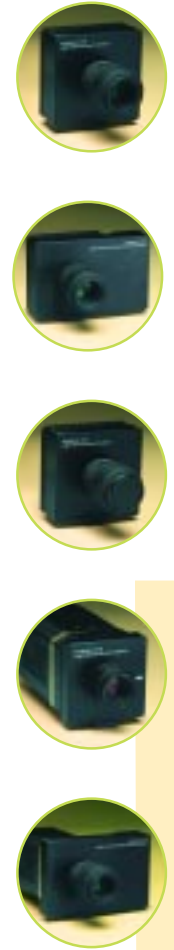
Radiant's customer commitment and flexibility help you eliminate significant new equipment expenditures, cut training costs, simplify production planning and eliminate disruptive changes and downtime. With Radiant technical support, you'll know that a whole team of world-class scientific experts in optical physics, photometry, colorimetry, radiometry, human perception, optical metrology, operations efficiency, quality control and assurance is poised and eager to provide the best solution. You can't find a more productive partnership anywhere.

LEARN MORE ABOUT WHAT RADIANT IMAGING CAN DO FOR YOU

Please contact the US headquarters of Radiant Imaging for information, including contact information for our sales representatives and technology partners in the US, Asia, Europe and other selected locations.



PM Series has a comprehensive set of data analysis tools for defect detection of photometric and colorimetric quantities.



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Radiant Imaging, Inc.

15321 Main Street NE, Suite 310

PO Box 5000

Duvall, WA 98019

Phone: (425) 844-0152

Fax: (425) 844-0153

sales@radiantimaging.com

www.radiantimaging.com