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TECHNOLOGY GROUP

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Full-service, independent repair center
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Custom engineering
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Radiant Imaging PM-1433-1* at our website: *Click HERE*

RADIANT IMAGING

SEE THE DIFFERENCE™

PM-1400 Series™ Imaging Photometer and Colorimeter



The PM-1400 imaging photometer and colorimeter delivers an excellent balance of wide dynamic range, high spatial resolution, large field of view and speed. This makes it the first choice for a number of demanding measurement, calibration and defect detection tasks in both the production and laboratory environments. Since the CCDs used in the PM-1400 series are full-frame CCDs (no gaps between the pixels), they are ideally suited for finding small defects, including pixel defects in a display, or measuring small features such as the brightness and color of LED or OLED pixels.

The PM-1400 utilizes a 14-bit, dual-stage, thermoelectrically cooled, scientific grade CCD for stability and repeatability. Two product versions are available. The first offers luminance only and the second utilizes CIE matched filters to permit both luminance and chrominance measurements. These color capabilities enable the PM-1400 to deliver CIE chromaticity coordinates or color temperature measurements from every pixel in the image. A choice of lenses is available for use with either model.

Typical Application

- Brightness uniformity measurement of LCDs, PDPs, OLEDs, display backlights and projection systems.
- Color uniformity measurement of LCDs, PDPs, OLEDs, display backlights and projection systems.
- Automotive headlamp beam pattern testing.
- Roadway and scene illumination evaluation.
- Contrast Ratio
- Pixel defects
- Mura Defects

RADIANT IMAGING

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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