

MEDIA RELEASE

Emona to unveil new HotShot high definition thermal imagers at QME

Emona Instruments will demonstrate new HotShot-HD (high definition) thermal imaging cameras from Electrophysics Corp on **Stand 6105** during the 2008 Queensland Mining and Engineering (QME) exhibition at the Mackay Showground from July 22-24.

The cameras offer a range of advanced features including high performance 640 x 480 resolution, a dual laser hotspot highlighter and advanced image fusion.

“They provide a professional solution at a price normally found on lower 320 x 240 cameras,” Emona’s marketing manager Mark Breznik said.

HotShot thermal imagers go beyond traditional point-and-shoot thermal imaging cameras, combining outstanding image quality with powerful, yet simple-to-use features for on-site data entry and logging.

A QWERTY keyboard is used to enter descriptive image file names, asset locations and inspection comments. Pull-down menus on a built-in personal data assistant (PDA)-type touch screen record equipment types, diagnosis, repair recommendations and severity codes. This is regarded as more reliable, accurate and efficient than traditional image and inspection information recording methods such as hand-written notes.

HotShot thermal imagers also offer route-based inspections by prompting users about their next inspection. This is an effective and accountable way of managing repetitive inspections of critical assets.

The cameras can also learn routes to provide a survey report that identifies future inspections, which helps to manage asset histories and locate anomalies.

The HotShot-HD series features a temperature range of up to 500°C, a high resolution 640 x 480 VOx microbolometer, 500:1 measurement spot ratio, high-quality megapixel visible light camera, a choice of IR/PIP and fusion image modes and a unique dual laser target marking system that guarantees focus on a hot spot every time.

The cameras come with Report IR software, which automatically generates reports, whether five pages or 105 pages, in less than three minutes. All report data comes from an image file which the user generates on-site, eliminating traditional manual data collection and collating.

Further information:

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